

CALIFORNIA INSTITUTE OF TECHNOLOGY

EARTHQUAKE ENGINEERING RESEARCH LABORATORY

STRONG MOTION EARTHQUAKE ACCELEROGRAMS DIGITIZED AND PLOTTED DATA

VOLUME II - CORRECTED ACCELEROGRAMS AND INTEGRATED
GROUND VELOCITY AND DISPLACEMENT CURVES

PART T - ACCELEROGRAMS IIT247 THROUGH IIT293

REPORT NO. EERL 75-50

A REPORT ON RESEARCH CONDUCTED UNDER A
GRANT FROM THE NATIONAL SCIENCE FOUNDATION

PASADENA, CALIFORNIA

FEBRUARY, 1975

CALIFORNIA INSTITUTE OF TECHNOLOGY
EARTHQUAKE ENGINEERING RESEARCH LABORATORY

STRONG-MOTION EARTHQUAKE ACCELEROGRAMS
DIGITIZED AND PLOTTED DATA

Volume II - Corrected Accelerograms and Integrated
Ground Velocity and Displacement Curves

Part T - Accelerograms IIT274 through IIT293

Report No. EERL 75-50

A Report on Research Conducted Under a Grant
from the National Science Foundation

Pasadena, California

February, 1975

ABSTRACT

The first set of twenty corrected earthquake accelerograms was published in September 1971, as Volume II, Part A, Report No. EERL 71-50, the first report of the Volume II series. That issue also contained introductory material and background information describing the types of corrections used. The corresponding uncorrected data appeared earlier in Volume I, Part A, Report No. EERL 70-20. Both of these reports, containing references related to the records themselves and the various procedures, should be referred to by all users of the data. This issue, Volume II, Part T, Report No. EERL 75-50, contains records from the El Centro, California, site in the basement of the Imperial Valley Irrigation District substation, from 1938 to 1966 including nine groups of aftershocks of the May 18, 1940, Imperial Valley earthquake.

TABLE OF CONTENTS

	<u>Page</u>
Preface to Volume II, Part T	1
Notes on the Volume II Series	3
Table of Instrument Characteristics	10
Earthquake Data	13
References	14
Index of Earthquake Records in Volume II, Part T	17
Plots of Corrected Accelerograms, Velocity, and Displacement, IIT274-293	18
Printouts of Corrected Accelerograms, IIT274-293	78
List of EERL Reports Available from NTIS	255

PREFACE TO VOLUME II, PART T

This issue of corrected accelerograms and integrated ground velocity and displacement curves contains data from the instrument at the El Centro, California, site in the basement of the Imperial Valley Irrigation District substation. Five El Centro records have already appeared in the project: uncorrected records in Volume I, Parts A and B, Report Numbers EERL 70-20 and 70-21; and corrected records in Volume II, Parts A and B, Report Numbers EERL 71-50 and 72-50. These records were obtained in 1934 (B024), 1940 (A001), 1956 (A011 and A012) and 1968 (A019). In this issue we complete the El Centro records suitable for digitization that were obtained from 1938 to 1966. The actual dates and times are shown in the Table of Instrument Characteristics. Of particular interest are the nine groups of aftershocks of the May 18, 1940, event, all recorded on the same triggering as the main shock and therefore with their relative arrival times available.

The uncorrected versions of the accelerograms in this issue appeared in Volume I, Part T, Report No. EERL 73-25. Reference may be made to Volume II, Parts A and B, Report Numbers EERL 71-50 and 72-50, for introductory material and references to papers discussing various details of the processing and computing problems. The original records for Part T were all 6 inch or 12 inch photographic paper and have received the standard long period cut-off of 16 seconds. None has been considered as having sufficiently low accelerations to be eliminated from this Volume II, and subsequent, processing.

A number of records in this report were without time traces and estimated paper speeds were indicated on the original records. In two cases these paper speeds may need revising as described in the following.

In record IIT192, an assumed film speed of 0.94 cm/sec, marked on the original record, was used. On further investigation of this record and comparison with the one preceding and the one following, all three occurring within one hour, it would seem that the film speed of record IIT290, 0.89 cm/sec, was probably maintained throughout all three records. Consequently, for this record IIT291 and the following, IIT292, the film speed should be reduced from 0.94 to 0.89 cm/sec, a reduction of 5.32%. This implies that the time interval for the acceleration data for these two records in this report be increased from 0.02 sec to 0.021064 sec, and that other specific times be increased by the multiplicative factor of 1.0532.

NOTES ON THE VOLUME II SERIES

The following includes some general background information describing the Volume II Series.

Contents of the Various Parts. Part A of Volume II, Corrected Accelerograms and Integrated Ground Velocity and Displacement Curves, Report No. EERL 71-50, was published in September 1971 and contained in a general introduction to the series, detailed information on the methods and procedures used which should be consulted by all users of the data. Part B of Volume II, Report No. EERL 72-50, which appeared in February 1973, contained additional references to papers discussing various details of the processing and computing problems. Part C, Report No. EERL 72-51, began the presentation of corrected data for the unusually important series of accelerograms obtained during the San Fernando earthquake of February 9, 1971. All the records considered suitable for standard digitizing have been included in the issues following Part C, and Part S contains the last of the San Fernando records. In Part T a return is made to those records received during the years 1933 to 1968, which continue into Parts U and V. Parts W and X contain the records from the Lytle Creek, California, earthquake of Sept. 12, 1970, and Part Y contains the records of the Borrego Mountain, California, earthquake of April 8, 1968, not already included in Parts A and B. Part Y marks the conclusion of the current digitizing and analysis project.

Component Directions. A description of the naming of component directions for the records was given in Volume II, Part B. Consistent with this, the component direction, where it appears in this report,

refers to the direction of the transducer pendulum motion for the trace to be deflected "up" on the record when viewed in the normal way with time increasing from left to right. During earthquake acceleration measurements the pendulum response dynamically to an "inertia force" whose direction is opposite to that of the acceleration of the instrument base. It follows that the true ground acceleration will be opposite to the pendulum motion defined above. Consequently, in the following plots the y-axis scale is inverted so as to retain both the familiar pattern of the accelerograms and the listed component direction.

Description of the Plots and Listings. The format of presentation of the results at the end of this second stage of data processing is the same as in Volume II, Part A. The plots of acceleration, velocity, and displacement appear first, with details of the earthquake, the recording site, and the peak values in the headings. The printout of the corrected accelerograms appears next, in units of mm/sec/sec, at equal time intervals of 0.02 seconds. Identification labels, instrument characteristics, peak values, and initial values are in the headings for each component.

Assessment of Long Period Errors.

A. San Fernando earthquake data, 70-mm and 35-mm film,
included in Parts C through S

A separate section in Volume II, Part G, Report No. EERL 73-52, entitled "Current Assessment of Long Period Errors" describes the results of a recent investigation of long period displacements calculated from recorded accelerations. During the course of this

study it became evident that the procedures for preparation of 70-mm film and, to a lesser extent, 35-mm film records from the San Fernando earthquake of February 9, 1971, introduced spurious excitations at periods close to the duration of the sectional enlargements. These effects have been removed from all of the 70-mm and 35-mm film records by filtering with a long period limit of 8 seconds rather than the standard cut-off period of 16 seconds in the Volume II correction procedure. The following list of Caltech reference numbers indicates the records from the San Fernando earthquake included in Volume I, Parts C through S, that have been processed with the cut-off period of 8 seconds:

Parts G, H, I: All records in these parts.

Part J: Records J142 and J145 through J150.

Part K: All records

Part L: Records L166, L167, L168; L172 through L175.

Part M: Records M176, M177, M178; M180 through M184.

Part N: All records

Part O: Records O198 through O201; O206, O208, O210.

Part P: Records P231 and P232.

Parts Q, R, S: All records in these parts.

A decision was also made at the same time to eliminate a number of very low amplitude accelerograms from further processing (Volume II, III, and IV) reflecting the expectation that the resulting displacement records will be dominated by noise. Their Caltech reference numbers are as follows:

H127; I140; J151, J152; K153 through K156, K161 through K165; O202, O203, O209, O211, O212; P224 through P230.

B. Six inch and twelve inch photographic paper records,
included in Parts A through Y.

The decision to eliminate the very low amplitude accelerograms of the San Fernando earthquake, detailed above in Section A, was extended to include the more distant records of the Lytle Creek earthquake, Sep. 12, 1970, whose uncorrected data appeared in Volume I, Part X. This entire Part has been eliminated from further processing. Although this somewhat drastic action was required in this case, nevertheless it is apparent in some of the displacement plots that have reached the Volume II series of reports that some long period noise is still present in the published data. There are no components remaining with periods longer than the cut-off period of 14 seconds (and roll-off termination at 20 seconds), or in the case of 70- and 35-mm film records from the San Fernando earthquake, the cut-off of 8 seconds (and roll-off termination at 10 seconds), but it is evident that for some records these cut-off periods are in fact too long. The cause for this lies in the very low amplitude of acceleration for much of the duration of some of the records and the consequent lowering of the signal-to-noise ratio. This noise arises primarily from random digitization noise, and is independent of the acceleration amplitudes. With this in mind, the displacement plots indicate that a cut-off period lower than 14 seconds, or 8 seconds as the case may be, should be used to remove these components from

the acceleration data. It is clear, of course, that in routine processing of accelerograms, such as those mentioned above, it is not practical to examine each earthquake accelerogram in sufficient detail to permit selection of the cut-off period optimal for that particular record.

Availability of Reports and Data. All of the reports constituting the Volume II series mention specific references that discuss particular aspects of the various earthquake records. A list of these reports and other publications of the Earthquake Engineering Research Laboratory appears at the back of this issue, including the EERL Report Number and the Accession Number, with which they are obtainable from:

National Technical Information Service
U.S. Department of Commerce
Springfield, Virginia 22151 .

Information on the availability and costs of punched cards and magnetic tapes containing this data, and the data from other volumes in the series, may be obtained from the National Information Service for Earthquake Engineering, the Earthquake Engineering Research Laboratory, California Institute of Technology.

Numbering of EERL Reports. The system for the EERL-numbering of the reports is based on two numbers, one indicating the year of preparation, and the second indicating the volume to which the report belongs. A detailed description follows.

For the Volume I reports, the first number indicates the year in which the particular data was first prepared for either a report or for loading onto magnetic tape. This number ranges from 70 to

73. The first printing of Volume I, Part A, appeared before the numbering system was chosen. Although it was dated July, 1969, it actually did not appear until 1970, and was consequently numbered EERL 70-20 in subsequent printings. For the reports of Volumes II, III, and IV, the first number indicates the year in which the report was prepared, and ranges from 70 to 75.

The second number increases consecutively with each report, restarting at 20 each year in the case of Volume I reports, at 50 for Volume II, at 80 for Volume III, and at 100 for Volume IV. For example, Volume II, Part G, Report No. EERL 73-52, was prepared in 1973 and was the third report of the Volume II series to be published that year. The numbers from 01 to 19 each year are reserved for other publications of the Earthquake Engineering Research Laboratory, such as thesis reports and special reports.

Acknowledgments. We are grateful to the staff members of the Earthquake Engineering Research Laboratory who at all stages of the project continue to devote their time and attention to producing these reports and the corresponding cards and tapes. In particular we are indebted to Mr. Vincent Lee for carrying out the computing side of the project with such enthusiasm, to Miss Barbara Turner and Miss Sharon Vedrode for typing and editing, and to the staff of the Willis H. Booth Computing Center and the Graphic Arts Facilities. We appreciate the major support from the National Science Foundation that has made the entire project possible, and the continued

contributions from the Earthquake Research Affiliates Program of the California Institute of Technology.

M. D. Trifunac
A. G. Brady
D. E. Hudson
Earthquake Engineering Research Laboratory
California Institute of Technology

INSTRUMENT CHARACTERISTICS

Series Ref. No.	Caltech Log No.	Instrmt; Serial No.	Date & Time	Station No.; Location	Component* Direction	Period T ₀ , (sec)	Sens.* (cm/g)	Damp* Ratio, ϵ	Damp* % crit.
IIT274	38.001	USC & GS No. 4	4/12/38 0825 PST	117 El Centro, Imperial Valley Irrigation District	North East Up	.098 .098 .096	26.2 23.6 24.9	7 8 8	52.8 55.2 55.2
IIT275	38.003	USC & GS No. 4	6/5/38 1842 PST	117 El Centro, Imperial Valley Irrigation District	North East Up	.100 .100 .097	26.3 24.1 25.3	8 8 8	55.2 55.2 55.2
IIT276	38.004	USC & GS No. 4	6/6/38 0437 PST	117 El Centro, Imperial Valley Irrigation District	North East Up	.100 .100 .097	26.3 24.1 25.3	8 8 8	55.2 55.2 55.2
IIT277	40.1.1	USC & GS No. 4	5/18/40 2037 PST +45.5 Sec	117 El Centro, Imperial Valley Irrigation District	North East Up	.099 .100 .095	26.9 26.4 24.3	8 7 9	55.2 52.8 57.4
IIT278	40.1.2	USC & GS No. 4	5/18/40 2037 PST +84.0 Sec	117 El Centro, Imperial Valley Irrigation District	North East Up	.099 .100 .095	26.9 26.4 24.3	8 7 9	55.2 52.8 57.4
IIT279	40.1.3	USC & GS No. 4	5/18/40 2037 PST +101.5 Sec	117 El Centro, Imperial Valley Irrigation District	North East Up	.099 .100 .095	26.9 26.4 24.3	8 7 9	55.2 52.8 57.4
IIT280	40.1.4	USC & GS No. 4	5/18/40 2037 PST +125.0 Sec	117 El Centro, Imperial Valley Irrigation District	North East Up	.099 .100 .095	26.9 26.4 24.3	8 7 9	55.2 52.8 57.4
IIT281	40.1.5	USC & GS No. 4	5/18/40 2037 PST +154.0 Sec	117 El Centro, Imperial Valley Irrigation District	North East Up	.099 .100 .095	26.9 26.4 24.3	8 7 9	55.2 52.8 57.4

* See footnotes at end of table.

INSTRUMENT CHARACTERISTICS (cont.)

Series Ref. No.	Caltech Log No.	Instrmt; Serial No.	Date & Time	Station No.; Location	Component* Direction	Period T ₀ , (sec)	Sens.* (cm/g)	Damp* Ratio, ε	Damp* % crit.
IIT282	40.1.6	USC & GS No. 4	5/18/40 2037 PST +203.0 Sec	117 El Centro, Imperial Valley Irrigation District	North East Up	.099 .100 .095	26.9 26.4 24.3	8 7 9	55.2 52.8 57.4
IIT283	40.1.7	USC & GS No. 4	5/18/40 2037 PST +242.0 Sec	117 El Centro, Imperial Valley Irrigation District	North East Up	.099 .100 .095	26.9 26.4 24.3	8 7 9	55.2 52.8 57.4
IIT284	40.1.8	USC & GS No. 4	5/18/40 2037 PST +282.5 Sec	117 El Centro, Imperial Valley Irrigation District	North East Up	.099 .100 .095	26.9 26.4 24.3	8 7 9	55.2 52.8 57.4
IIT285	40.1.9	USC & GS No. 4	5/18/40 2037 PST +313.0 Sec	117 El Centro, Imperial Valley Irrigation District	North East Up	.099 .100 .095	26.9 26.4 24.3	8 7 9	55.2 52.8 57.4
IIT286	42.001	USC & GS No. 4	10/21/42 0822 PST	117 El Centro, Imperial Valley Irrigation District	North East Up	.100 .099 .099	19.2 19.3 18.9	5 9 4-1/2	45.8 57.4 43.1
IIT287	51.002	SM 32M	1/23/51 2317 PST	117 El Centro, Imperial Valley Irrigation District	North East Up	.064 .065 .064	12.8 12.9 12.6	8 5 8	55.2 45.8 55.2
IIT288	53.001	S-M 32M	6/13/53 2017 PST	117 El Centro, Imperial Valley Irrigation District	North East Up	.065 .065 .064	13.0 12.9 12.8	8 11 9	55.2 60.7 57.4
IIT289	54.005	S-M 32M	11/12/54 0427 PST	117 El Centro, Imperial Valley Irrigation District	North East Up	.066 .066 .065	13.6 12.9 12.6	9 10 8	57.4 59.2 55.2

* See footnotes at end of table.

INSTRUMENT CHARACTERISTICS (cont.)

Series Ref. No.	Caltech Log No.	Instrmt; Serial No.	Date & Time	Station No.; Location	Component* Direction	Period T ₀ (sec)	Sens* (cm/g)	Damp* Ratio, ε	Damp* % crit.
IIT290	55.003	S-M 32M	12/16/55 2117 PST	117 El Centro, Imperial Valley Irrigation District	North East Up	.066 .065 .065	13.5 12.7 12.6	9 11 9	57.4 60.7 57.4
IIT291	55.004	S-M 32M	12/16/55 2141 PST	117 El Centro, Imperial Valley Irrigation District	North East Up	.066 .065 .065	13.5 12.7 12.6	9 11 9	57.4 60.7 57.4
IIT292	55.005	S-M 32M	12/16/55 2207 PST	117 El Centro, Imperial Valley Irrigation District	North East Up	.066 .065 .065	13.5 12.7 12.6	9 11 9	57.4 60.7 57.4
IIT293	66.009	S-M 32M	8/7/66 0936 PST	117 El Centro, Imperial Valley Irrigation District	North East Up	.066 .066 .064	13.0 13.0 12.0	7 10 8	52.8 59.2 55.2

- 12 -

* Static Magnification, $V_s = \omega_n^2 \cdot (\text{Sensitivity}) = \left[\frac{2\pi}{T_0 (\text{sec})} \right]^2 \cdot \frac{\text{Sensitivity (cm/g)}}{980 (\text{cm/sec}^2/\text{g})}$

Periods, sensitivities, and damping ratios are obtained from the annual publication "U. S. Earthquakes" produced by the U. S. Department of Commerce.

Damping ratio, $\epsilon = \exp[\pi n / \sqrt{(1 - n^2)}]$, where n is the fraction of critical damping.

The component direction is that of pendulum motion for the trace to be deflected "upwards" on the record, as described in the Notes.

EARTHQUAKE DATA

Location	Date	Time	Lat. (N)	Long. (E)	Depth* (km)	Mag.	Maximum Intensity
Imperial Valley, Cal.	4. 12. 38	0825 PST	32° 53' 00"	-115° 35' 00"	16.0	3.0	—
Imperial Valley, Cal.	6. 06. 38	1842 PST	32° 54' 00"	-115° 13' 00"	16.0	5.0	—
Imperial Valley, Cal.	6. 06. 38	0435 PST	32° 15' 00"	-115° 10' 00"	16.0	4.0	—
Imperial Valley, Cal.	5. 18. 40	2037 PST	32° 44' 00"	-115° 30' 00"	16.0	6.7	10
		+45.5 sec					
		+84.0 sec					
		+101.5 sec					
		+125.0 sec					
		+154.0 sec					
		+203.0 sec					
		+242.0 sec					
		+285.5 sec					
		+313.0 sec					
Borrego Valley, Cal.	10. 21. 42	0822 PST	32° 58' 00"	-116° 00' 00"	16.0	6.5	7
Imperial Valley, Cal.	1. 23. 51	2317 PST	32° 59' 00"	-115° 44' 00"	16.0	5.6	7
Imperial Valley, Cal.	6. 13. 53	2017 PST	32° 43' 00"	-115° 43' 00"	16.0	5.5	7
Lower California	11. 12. 54	0427 PST	31° 30' 00"	-116° 00' 00"	16.0	6.3	5
Imperial County, Cal.	12. 16. 55	2117 PST	33° 00' 00"	-115° 30' 00"	16.0	4.3	—
Imperial County, Cal.	12. 16. 55	2142 PST	33° 00' 00"	-115° 30' 00"	16.0	3.9	7
Imperial County, Cal.	12. 16. 55	2207 PST	33° 00' 00"	-115° 30' 00"	16.0	5.4	—
Gulf of California	8. 07. 66	0936 PST	31° 48' 00"	-114° 30' 00"	16.0	6.3	6

This is the main shock data, revised from that published in Volume I, Part A. There is no corresponding data available on the nine segments of aftershocks, commencing at the times indicated on the left.

*No actual depths are available. Epicenter calculations have used travel times for 16 km focal depth (Gutenberg, 1951; Hileman et al., 1973).

REFERENCES (See additional list, page 255)

- (April-May, 1971). "The San Fernando Earthquake," California Geology, v. 24, n. 4-5.
 - (November, 1971). "Report of the Los Angeles County Earthquake Commission, San Fernando Earthquake, February 9, 1971," prepared for the Los Angeles Board of Supervisors.
 - "The San Fernando Earthquake of February 9, 1971," National Academy of Sciences, Washington, D.C.
- Barrows, A. G., et al (1971). "Map of Surface Breaks Resulting from the San Fernando, California, Earthquake of February 9, 1971," California Division of Mines and Geology.
- Bolt, B. A. (August, 1972). "San Fernando Rupture Mechanism and the Pacoima Strong-Motion Record," Bull. Seism. Soc. Amer., v. 62, n. 4, 1053-1061.
- Boore, D. M. (October, 1973). "The Effect of Simple Topography on Seismic Waves: Implications for the Accelerations Recorded at Pacoima Dam, San Fernando Valley, California," Bull. Seism. Soc. Amer., v. 63, n. 5, 1603-1609.
- Canitez, N. and M. N. Toksöz (May, 1972). "Static and Dynamic Study of Earthquake Source Mechanism: San Fernando Earthquake," J. Geophys. Res., v. 77, n. 14, 2583-2594.
- Division of Geological and Planetary Sciences, California Institute of Technology (April, 1971). "Preliminary Seismological and Geological Studies of the San Fernando, California, Earthquake of February 9, 1971," Bull. Seism. Soc. Amer., v. 61, n. 2, 491-495.
- Gutenberg, B. (1951). "Revised Travel Times in Southern California," Bull. Seism. Soc. Amer., v. 41, 143-163.
- Hanks, T. C. (March, 1974). "The Faulting Mechanism of the San Fernando, California, Earthquake," J. Geophys. Res., v. 79, n. 8, 1215-1229.
- Hileman, J. A., C. R. Allen, and J. M. Nordquist (1973). Seismicity of the Southern California Region, 1 Jan. 1932 to 31 Dec. 1972, Seismological Laboratory, Calif. Inst. of Tech., Pasadena, Calif.
- Housner, G. W. and P. C. Jennings (July-September, 1972). "The San Fernando California Earthquake," Earthquake Engineering and Structural Dynamics, The Journal of the International Association for Earthquake Engineering, v. 1, n. 1, 5-31.

- Hudson, D. E. (December, 1972). "Local Distribution of Strong Earthquake Ground Motions," Bull. Seism. Soc. Amer., v. 62, n. 6, 1765-1786.
- Mikumo, T. (1973). "Faulting Process of the San Fernando Earthquake of February 9, 1971 Inferred from Static and Dynamic Near-Field Displacements," Bull. Seism. Soc. Amer., v. 63, n. 1, 249-269.
- Perez, V. (1973). "Velocity Response Envelope Spectrum as a Function of Time, for the Pacoima Dam, San Fernando Earthquake, February 9, 1971," Bull. Seism. Soc. Amer., v. 63, n. 1, 299-313.
- Proctor, R. J., R. Crook, Jr., M. McKeown, and R. L. Moresco (June, 1972). "Relation of Known Faults to Surface Ruptures, 1971 San Fernando Earthquake, Southern California," Bull. Geol. Soc. Amer., v. 83, 1601-1618.
- Scott, R. F. (October, 1973). "The Calculation of Horizontal Accelerations from Seismoscope Records," Bull. Seism. Soc. Amer., v. 63, n. 5, 1637-1661.
- Steinbrugge, K. V., et al (August, 1971). "The San Fernando Earthquake, February 9, 1971," Pacific Fire Rating Bureau, 465 California Street, San Francisco, California.
- Thatcher, W. and T. C. Hanks (December, 1973). "Source Parameters of Southern California Earthquakes," J. Geop. Res., v. 78, n. 35, 8547-76.
- Trifunac, M. D. (June, 1972). "Stress Estimates for the San Fernando, California, Earthquake of February 9, 1971: Main Event and Thirteen Aftershocks," Bull. Seism. Soc. Amer., v. 62, n. 3, 721-750.
- Trifunac, M. D. and D. E. Hudson (October, 1971). "Analysis of the Pacoima Dam Accelerogram," Bull. Seism. Soc. Amer., v. 61, n. 5, 1393-1411.
- Trifunac, M. D. (February, 1974). "A Three-Dimensional Dislocation Model for the San Fernando, California, Earthquake of February 9, 1971," Bull. Seism. Soc. Amer., v. 64, n. 1, 149-172.
- Trifunac, M. D. and F. E. Udvardia (1974). "Variation of Strong Earthquake Ground Motion in the L.A. Area," Bull. Seism. Soc. Amer., October issue.
- Trifunac, M. D. and V. W. Lee (1974). "A Note on the Accuracy of Computed Ground Displacements from Strong Motion Accelerograms," Bull. Seism. Soc. Amer., v. 64, n. 4, 1209-1219.

U. S. Department of Commerce (March, 1971). "The San Fernando California, Earthquake of February 9, 1971," National Bureau of Standards Report 10556.

U. S. Department of Commerce (December, 1971). "Engineering Aspects of the 1971 San Fernando Earthquake," Building Science Series 40, National Bureau of Standards.

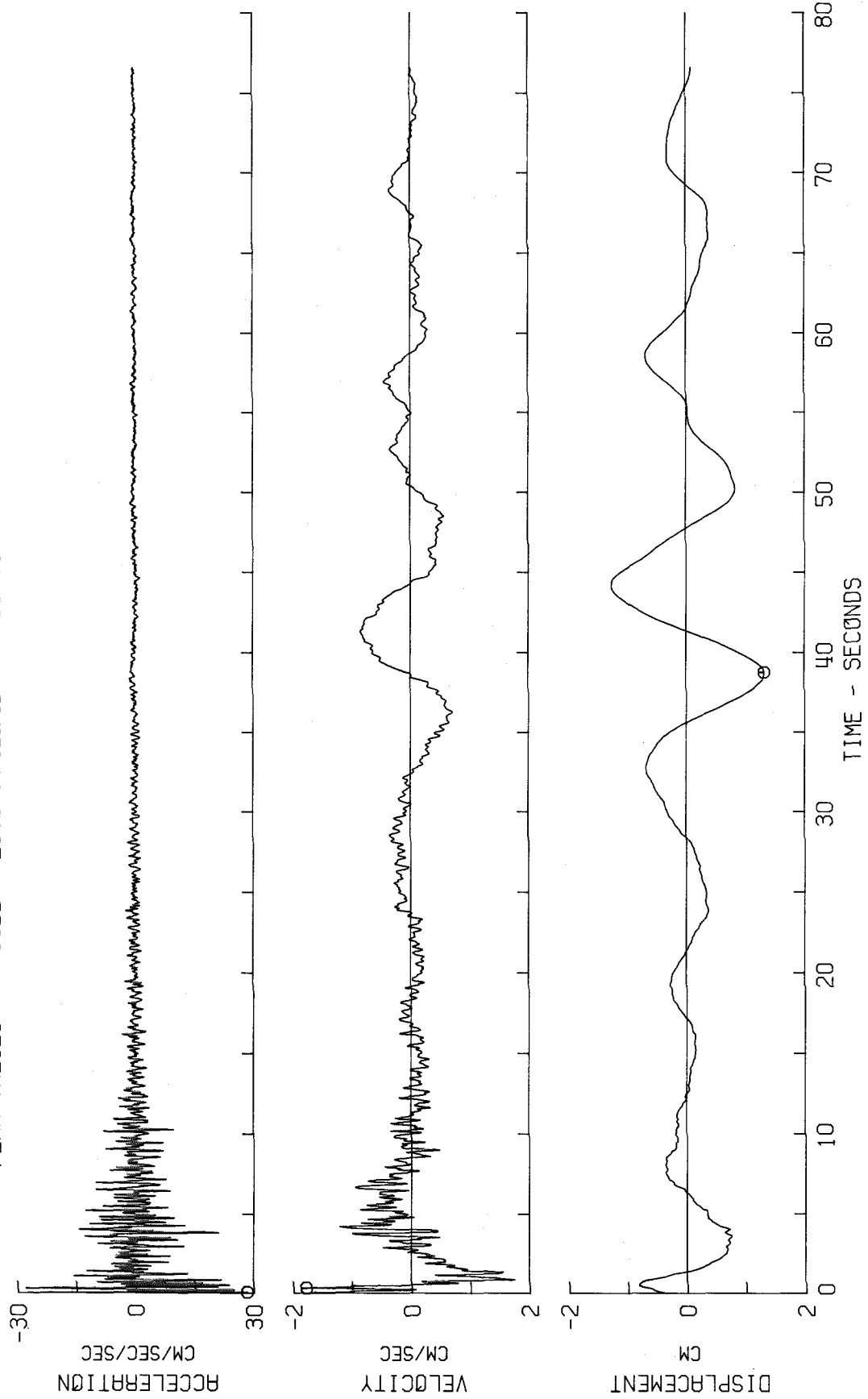
U. S. Geological Survey and the National Oceanic and Atmospheric Administration. "The San Fernando, California, Earthquake of February 9, 1971," Geological Survey Professional Paper 733, (preliminary report).

INDEX OF EARTHQUAKE RECORDS

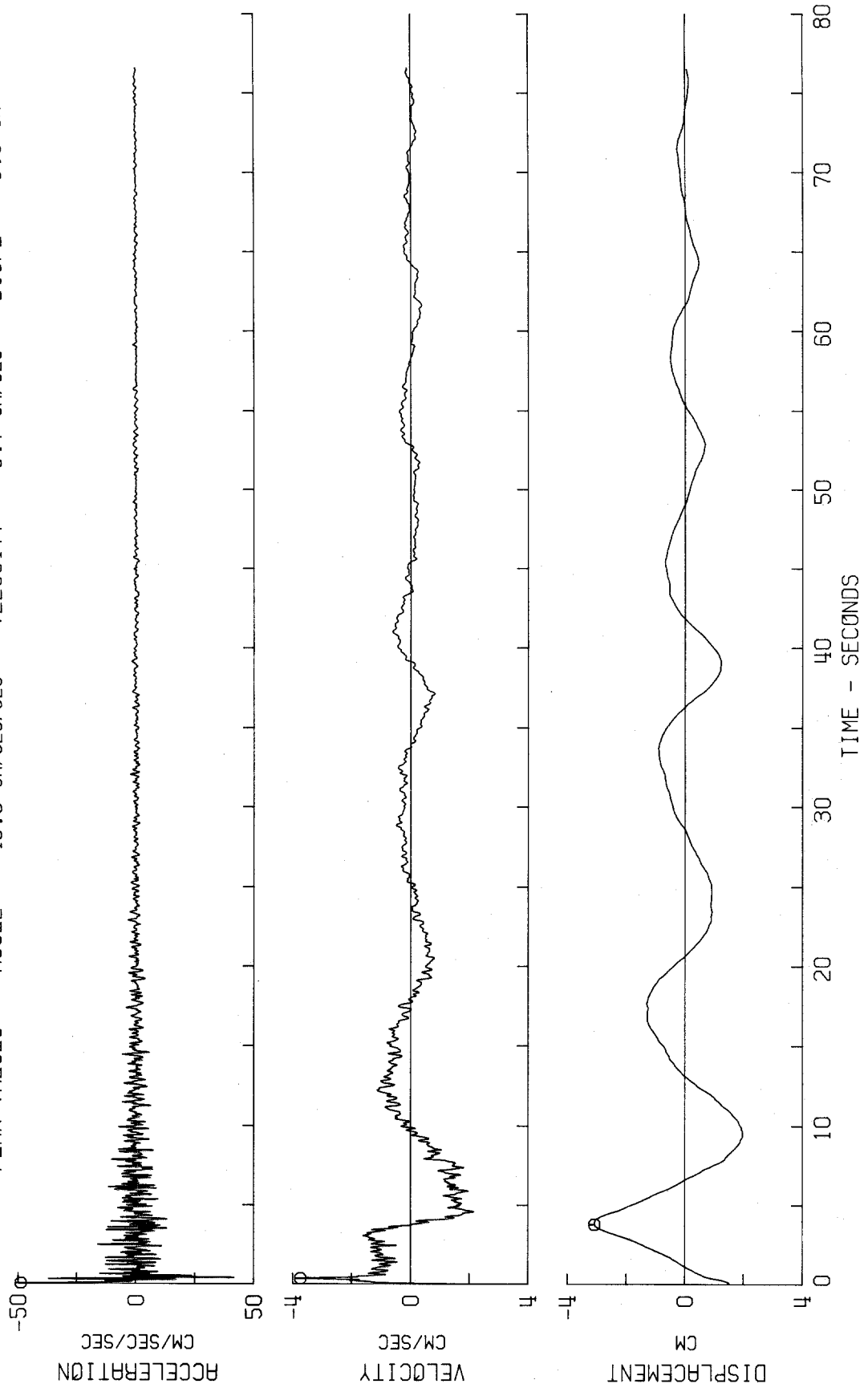
VOLUME II, PART T

<u>Records</u>	<u>Plot</u>	<u>Printout</u>
Imperial Valley Irrigation District, El Centro; Substation Basement; Components: North, East, Up		
IIT274; Imperial Valley, Calif., Earthquake; 4.12.38, 0825 PST	18	78
IIT275; Imperial Valley, Calif., Earthquake; 6.5.38, 1842 PST	21	90
IIT276; Imperial Valley, Calif., Earthquake; 6.6.38, 0435 PST	24	96
IIT277; Imperial Valley, Calif., Earthquake; 5.18.40, 2037 PST, +45.5 sec	27	105
IIT278; +84.0 sec	30	111
IIT279; +101.5 sec	33	117
IIT280; +125.0 sec	36	123
IIT281; +154.0 sec	39	129
IIT282; +203.0 sec	42	135
IIT283; +242.0 sec	45	141
IIT284; +285.5 sec	48	147
IIT285; +313.0 sec	51	153
IIT286; Borrego Valley, Calif., Earthquake; 10.21.42, 0822 PST	54	159
IIT287; Imperial Valley, Calif., Earthquake; 1.23.51, 2317 PST	57	171
IIT288; Imperial Valley, Calif., Earthquake; 6.13.53, 2017 PST	60	183
IIT289; Lower California, Earthquake; 11.12.54, 0427 PST	63	198
IIT290; Imperial County, Calif., Earthquake; 12.16.55, 2117 PST	66	213
IIT291; Imperial County, Calif., Earthquake; 12.16.55, 2142 PST	69	225
IIT292; Imperial County, Calif., Earthquake; 12.16.55, 2207 PST	72	234
IIT293; Gulf of California, Earthquake; 8.07.66, 0936 PST	75	243

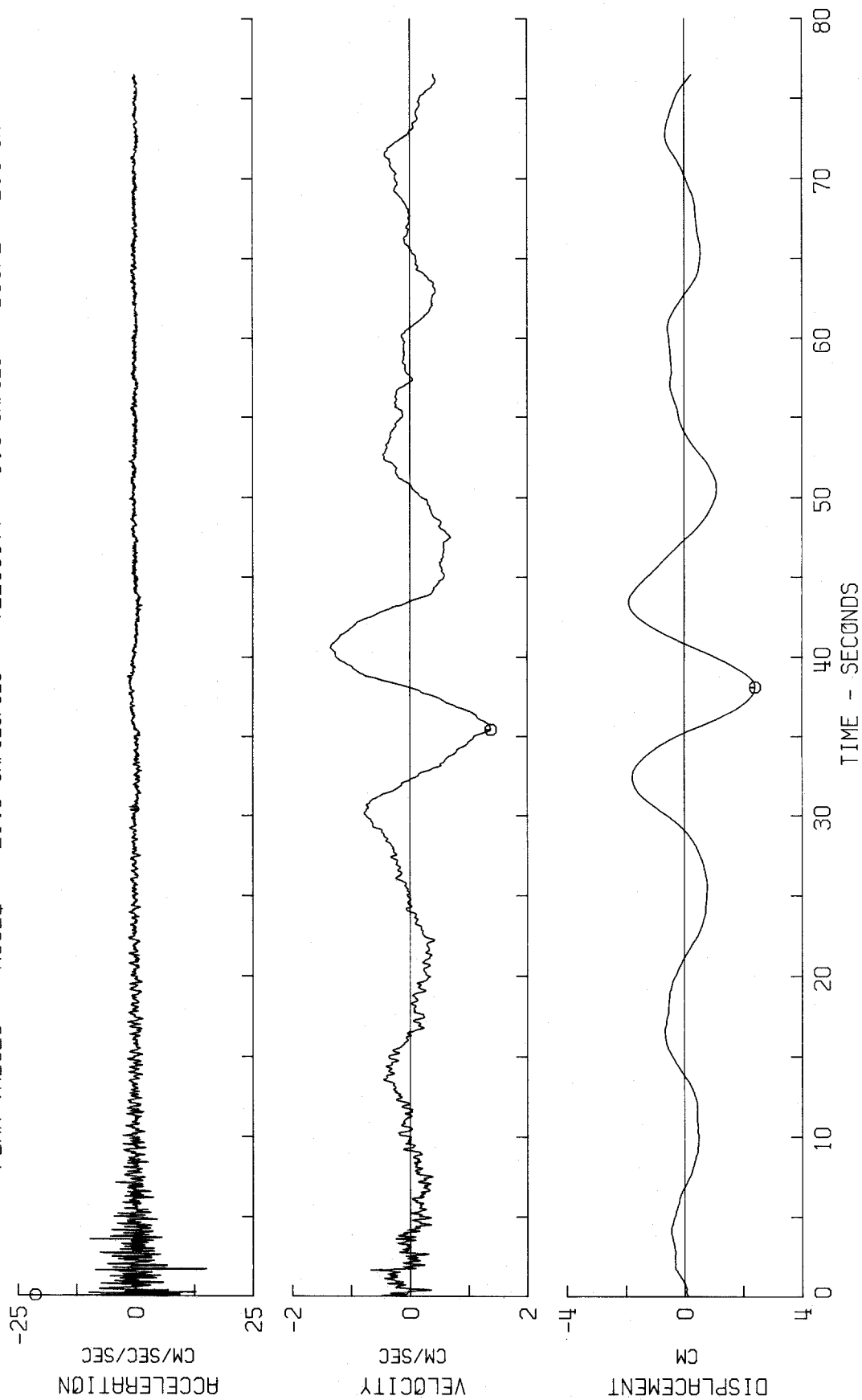
IMPERIAL VALLEY EARTHQUAKE APR 12, 1938 - 0825 PST
111274 38.001.0 EL CENTRO, IMPERIAL VALLEY IRRIGATION DISTRICT COMP NORTH
o PEAK VALUES : ACCEL = 28.2 CM/SEC/SEC VELOCITY = -1.8 CM/SEC DISPL = 1.3 CM



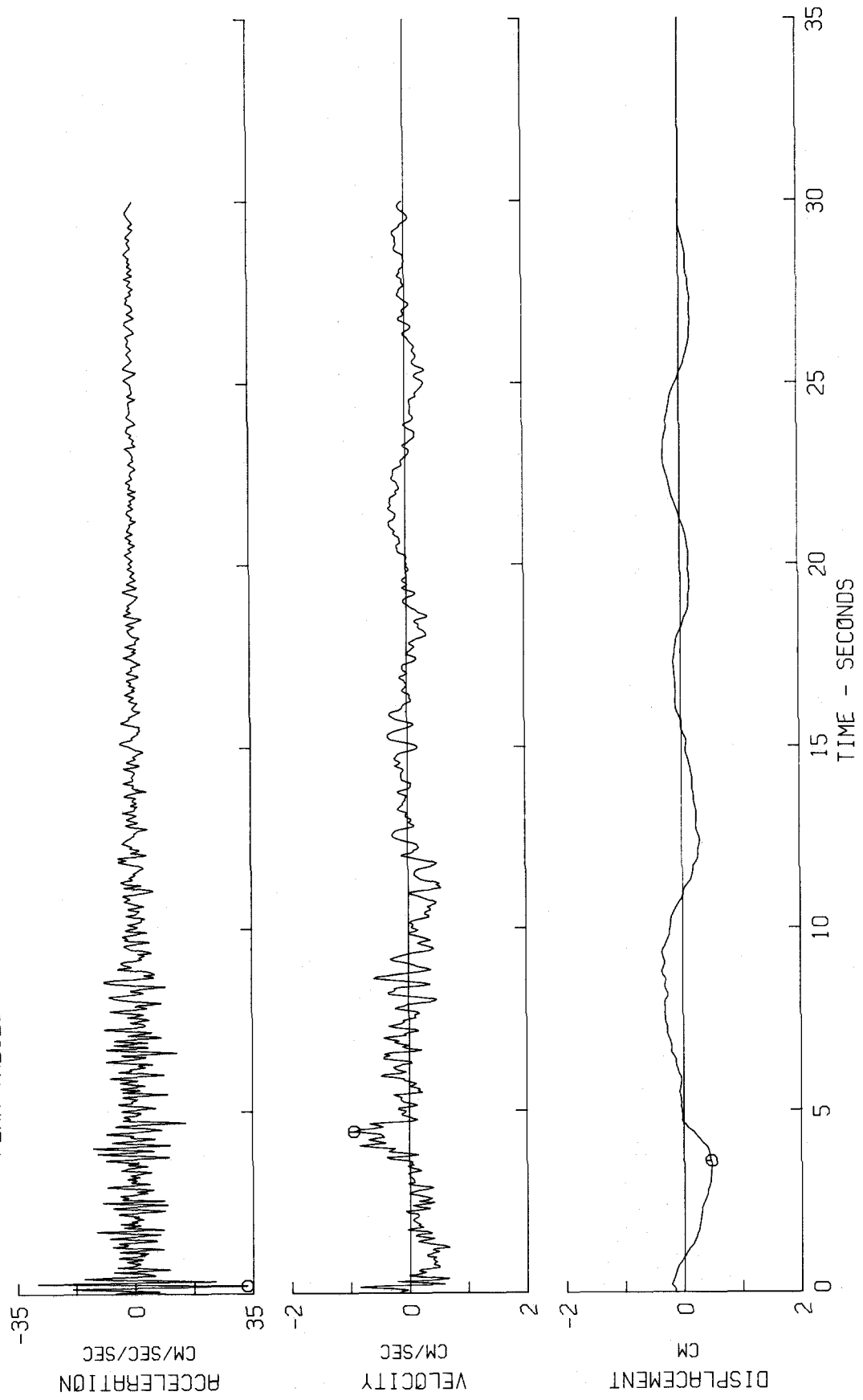
IMPERIAL VALLEY EARTHQUAKE APR 12, 1938 - 0825 PST
IIT274 38.001.0 EL CENTRO, IMPERIAL VALLEY IRRIGATION DISTRICT COMP EAST
PEAK VALUES : ACCEL = -48.8 CM/SEC/SEC VELOCITY = -3.7 CM/SEC DISPL = -3.1 CM



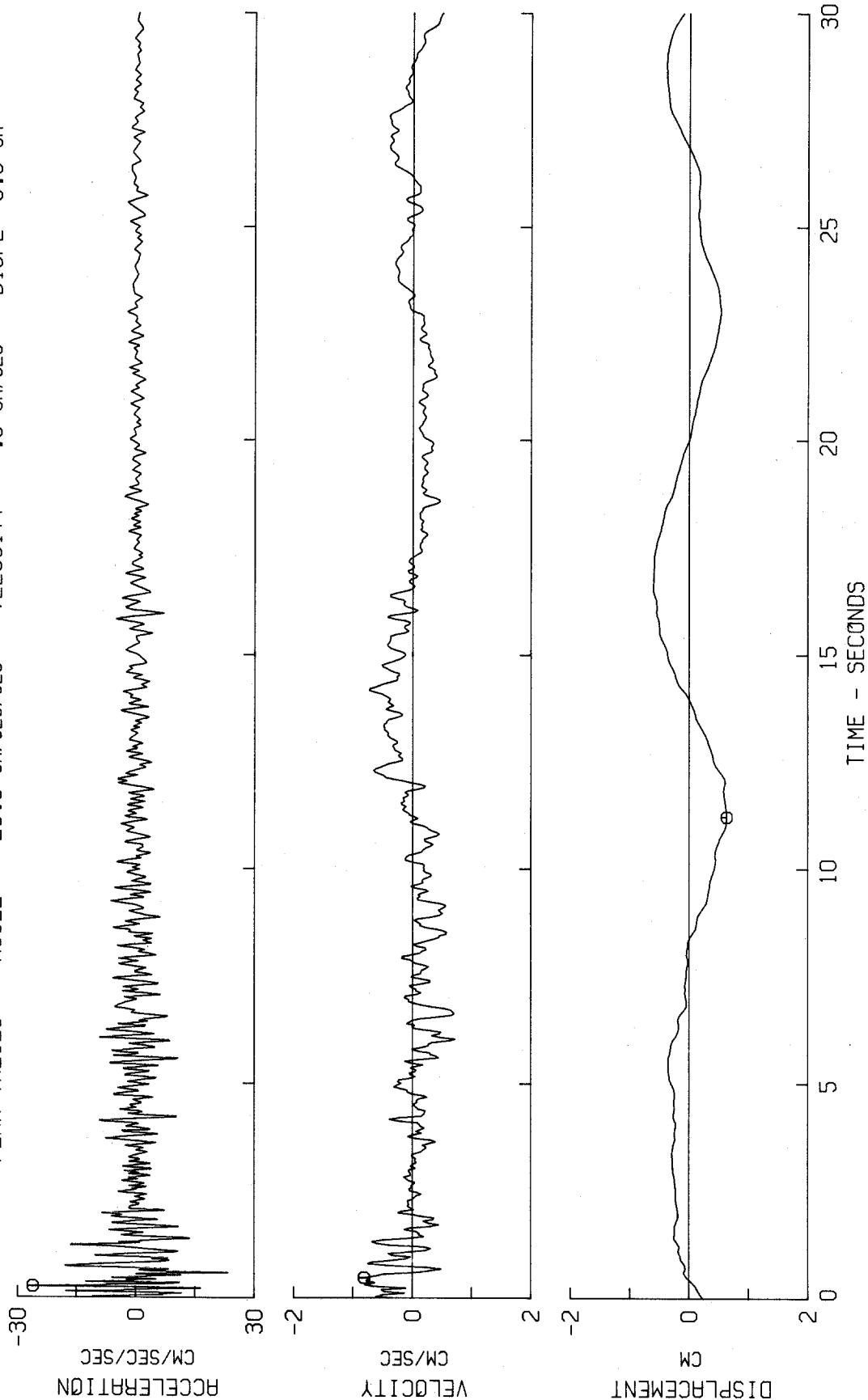
IMPERIAL VALLEY EARTHQUAKE APR 12, 1938 - 0825 PST
 11T274 38.001.0 EL CENTRØ, IMPERIAL VALLEY IRRIGATION DISTRICT COMP UP
 Ø PEAK VALUES : ACCEL = -21.3 CM/SEC/SEC VELOCITY = 1.4 CM/SEC DISPL = 2.4 CM



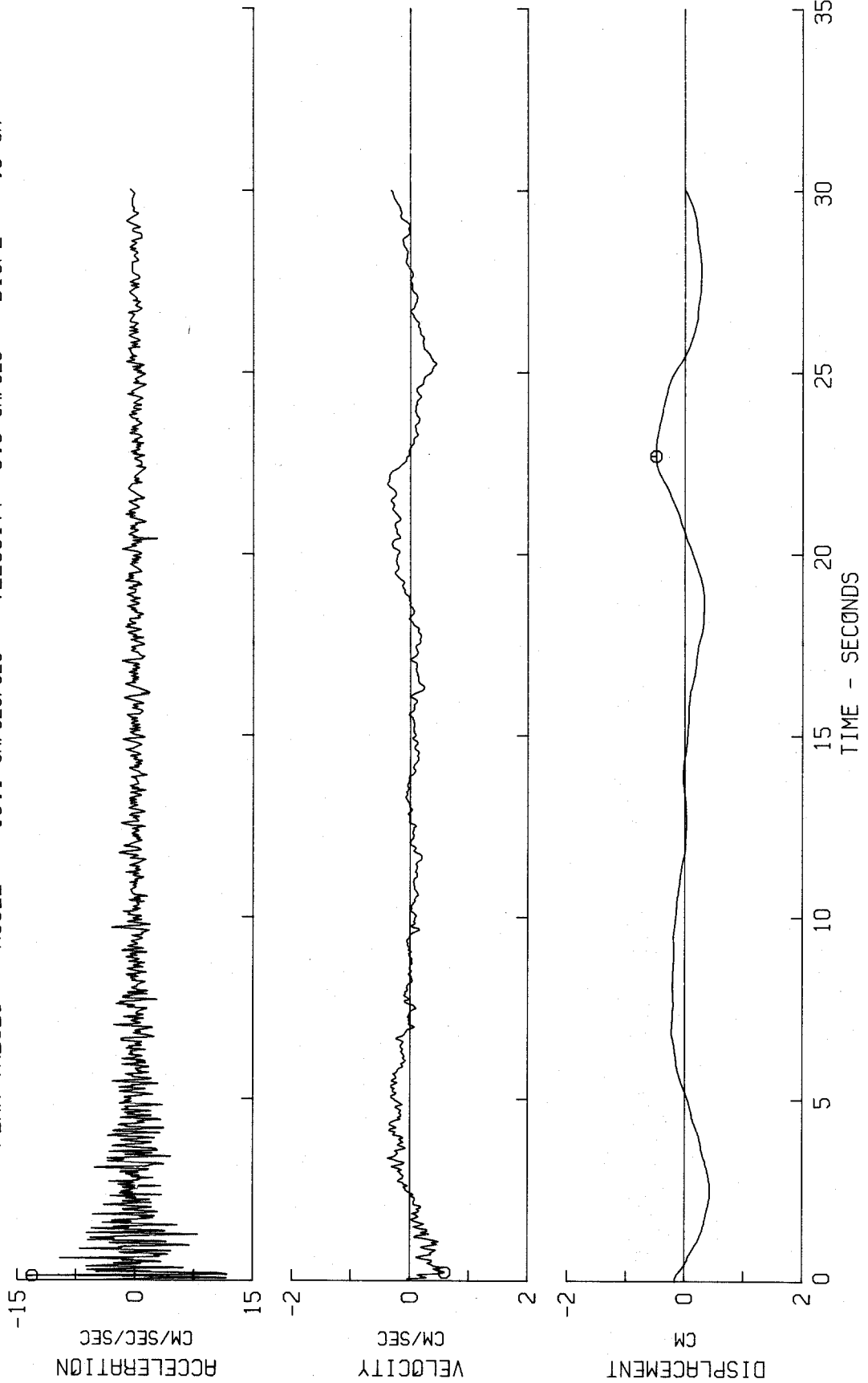
IMPERIAL VALLEY EARTHQUAKE JUNE 5, 1938 - 1842 PST
IIT275 38.003.0 EL CENTRO, IMPERIAL VALLEY IRRIGATION DISTRICT COMP NORTH
PEAK VALUES : ACCEL = 33.3 CM/SEC/SEC VELOCITY = -.9 CM/SEC DISPL = 0.5 CM



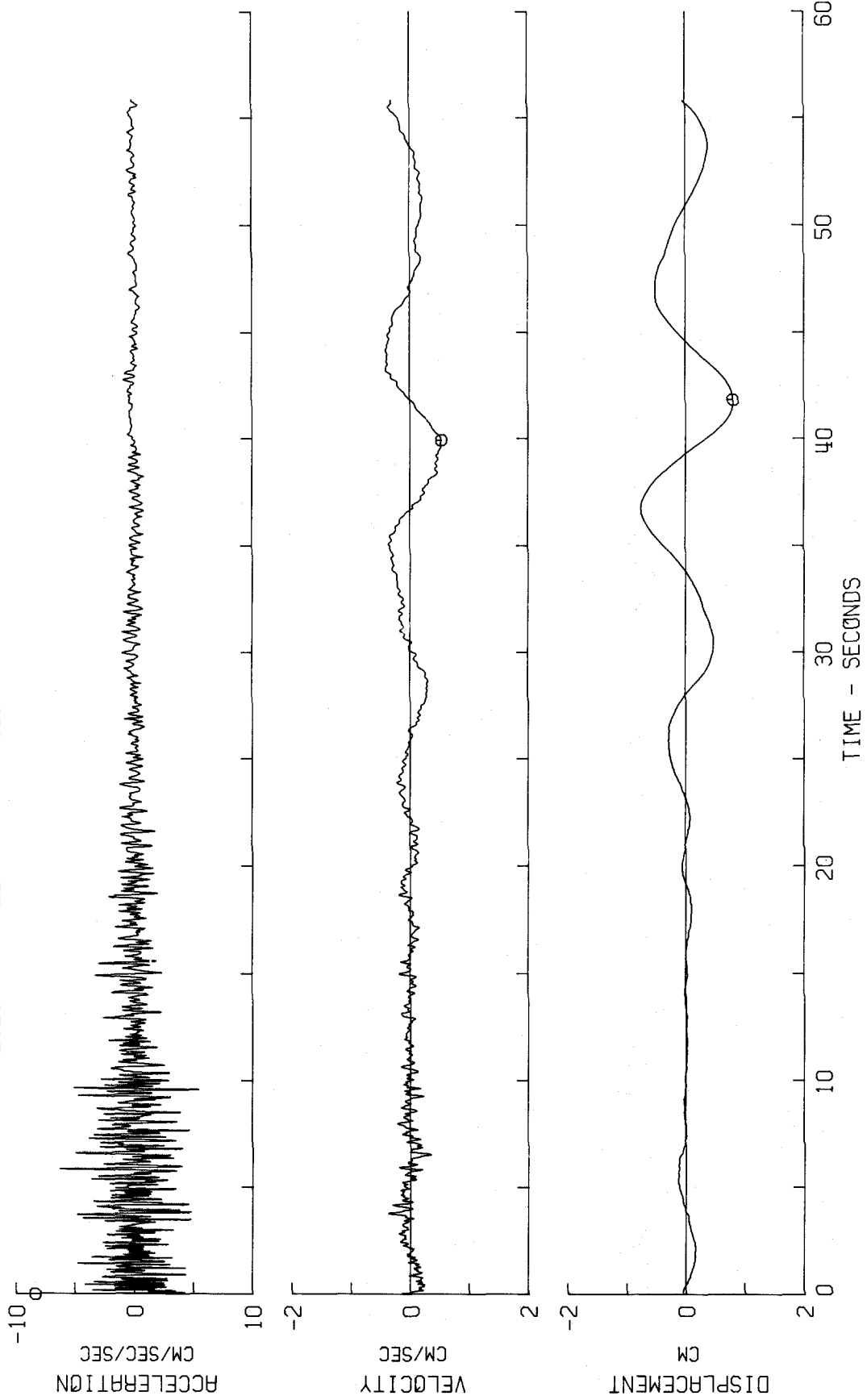
IMPERIAL VALLEY EARTHQUAKE JUNE 5, 1938 - 1842 PST
111275 38.003.0 EL CENTRO, IMPERIAL VALLEY IRRIGATION DISTRICT COMP EAST
O PEAK VALUES : ACCEL = -26.0 CM/SEC/SEC VELOCITY = -0.8 CM/SEC DISPL = 0.6 CM



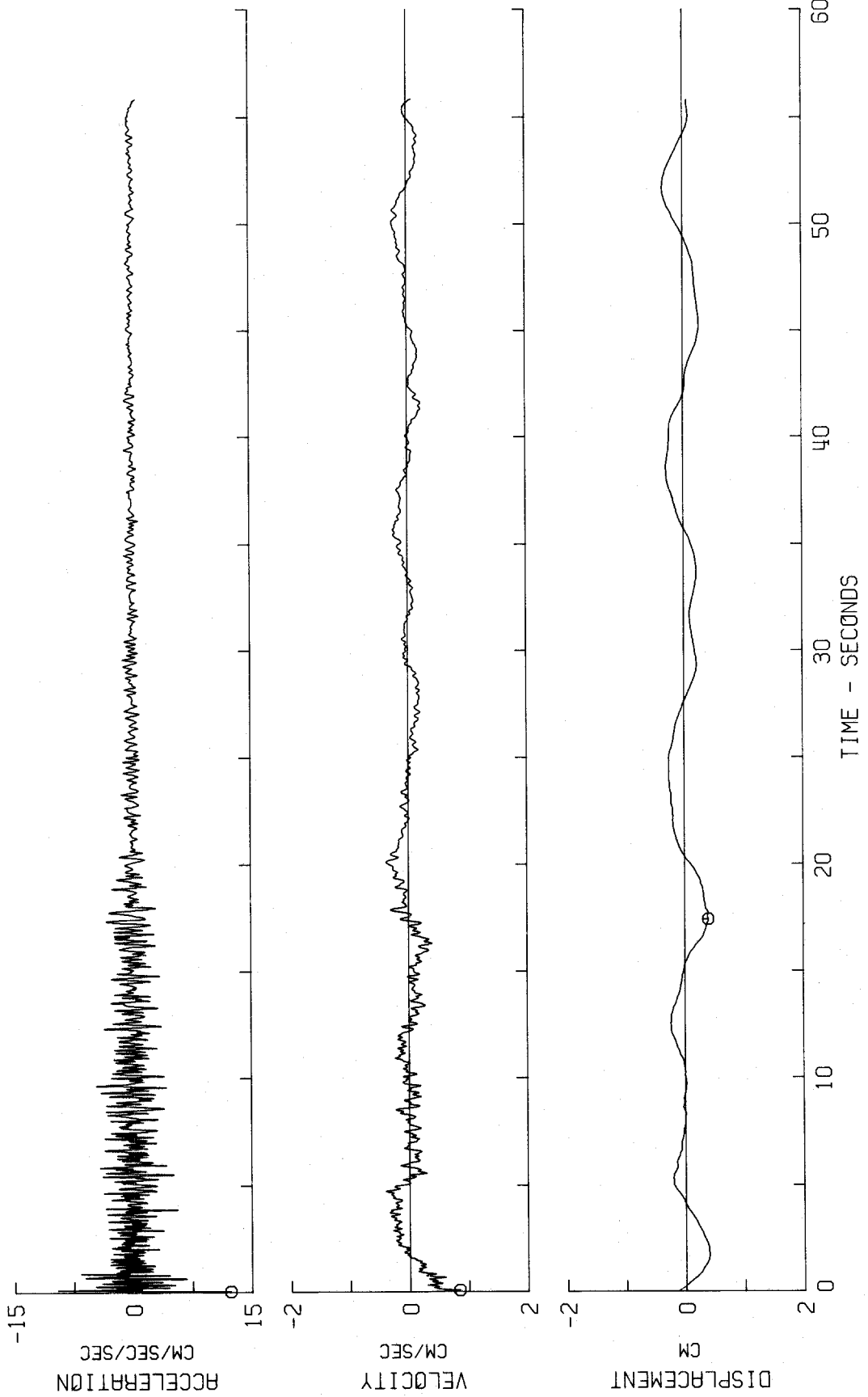
IMPERIAL VALLEY EARTHQUAKE JUNE 5, 1938 - 1842 PST
IIT275 38.003.0 EL CENTRO, IMPERIAL VALLEY IRRIGATION DISTRICT COMP UP
PEAK VALUES : ACCEL = -13.1 CM/SEC/SEC VELOCITY = 0.6 CM/SEC DISPL = -.5 CM



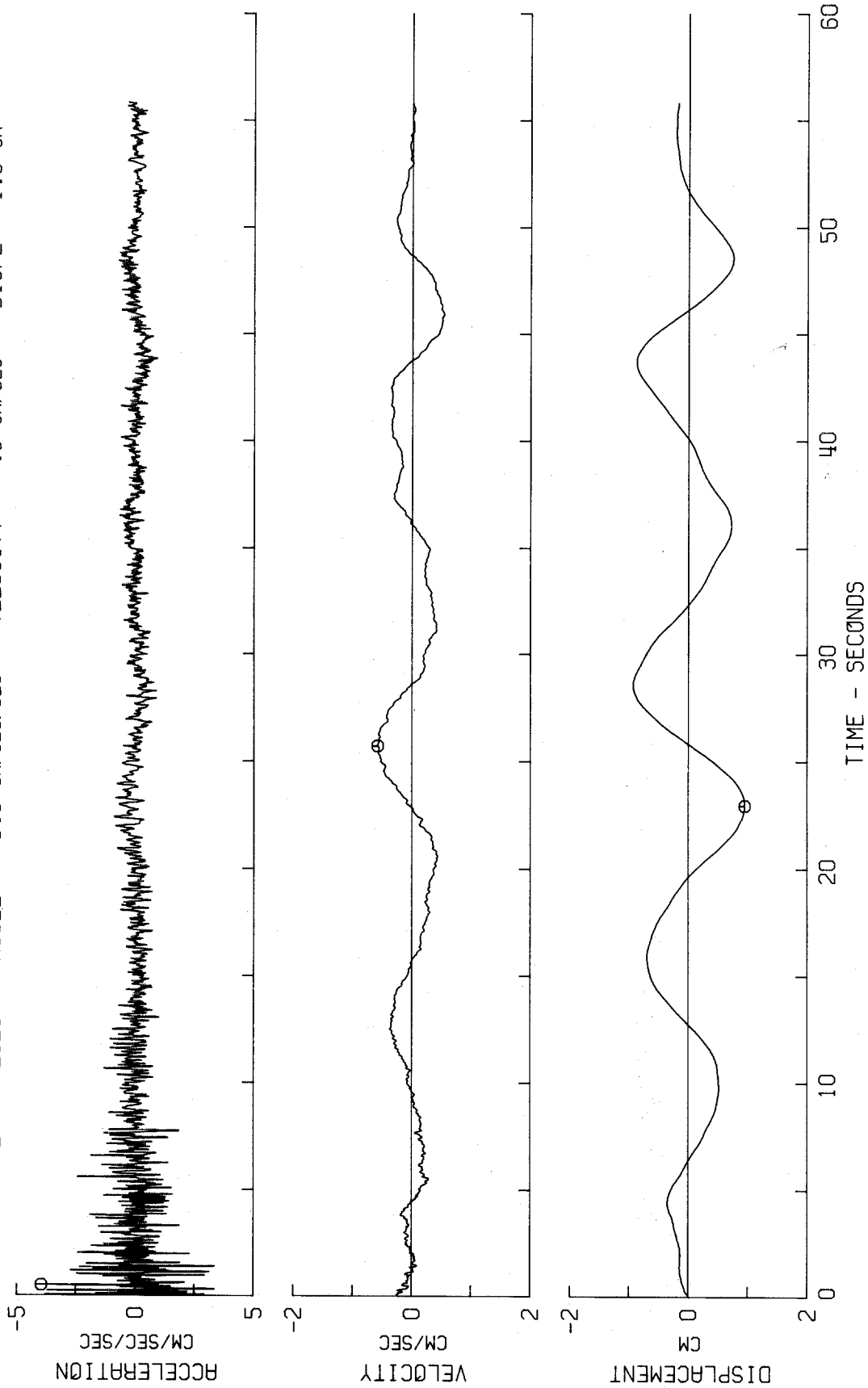
IMPERIAL VALLEY EARTHQUAKE JUNE 6, 1938 - 0437 PST
11T276 38.004.0 EL CENTRO, IMPERIAL VALLEY IRRIGATION DISTRICT COMP NORTH
⊙ PEAK VALUES : ACCEL = -8.4 CM/SEC/SEC VELOCITY = 0.5 CM/SEC DISPL = 0.8 CM



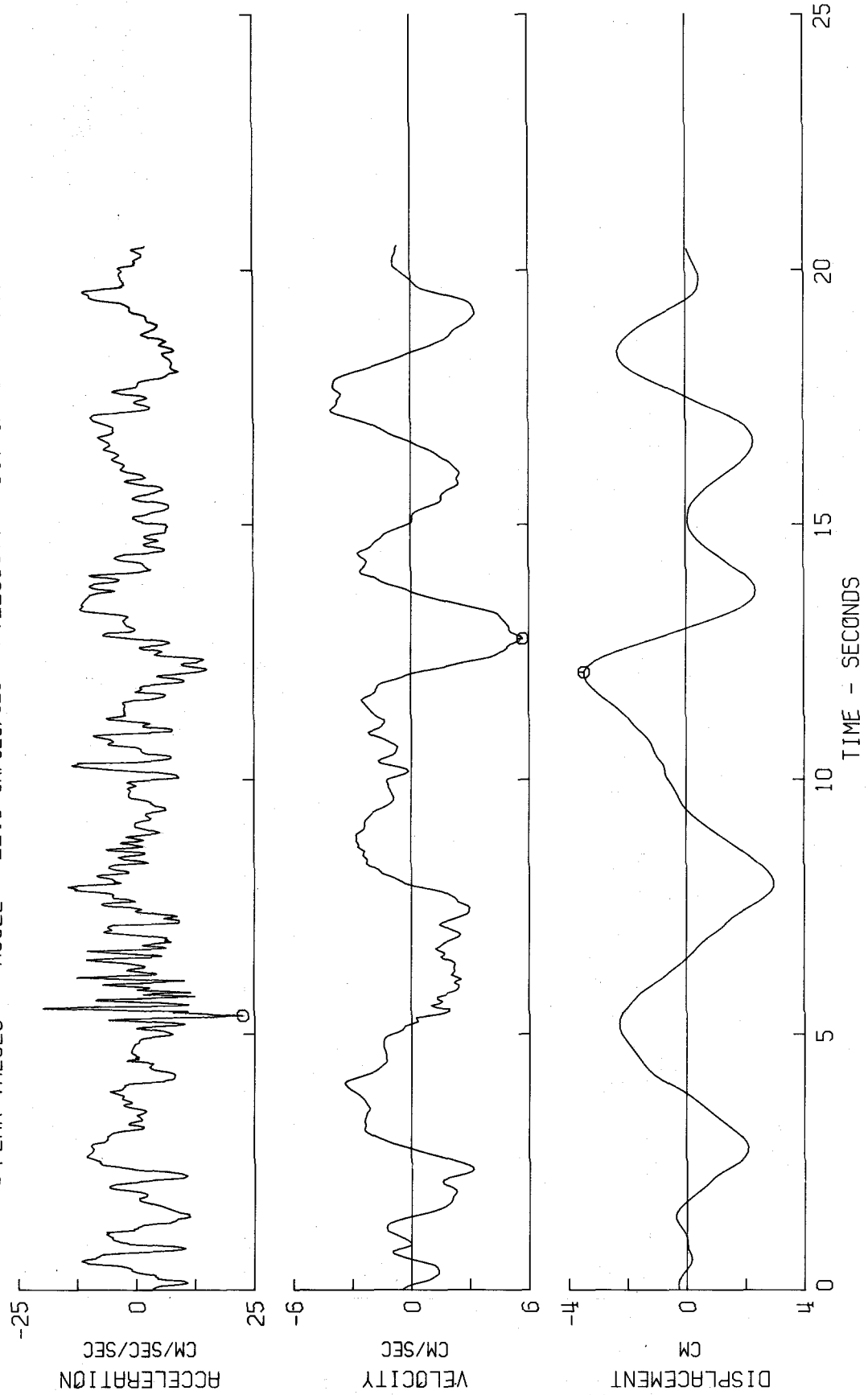
IMPERIAL VALLEY EARTHQUAKE JUNE 6, 1938 - 0437 PST
IIT276 38.004.0 EL CENTRO, IMPERIAL VALLEY IRRIGATION DISTRICT COMP EAST
Ø PEAK VALUES: ACCEL = 12.3 CM/SEC/SEC VELOCITY = 0.8 CM/SEC DISPL = 0.4 CM



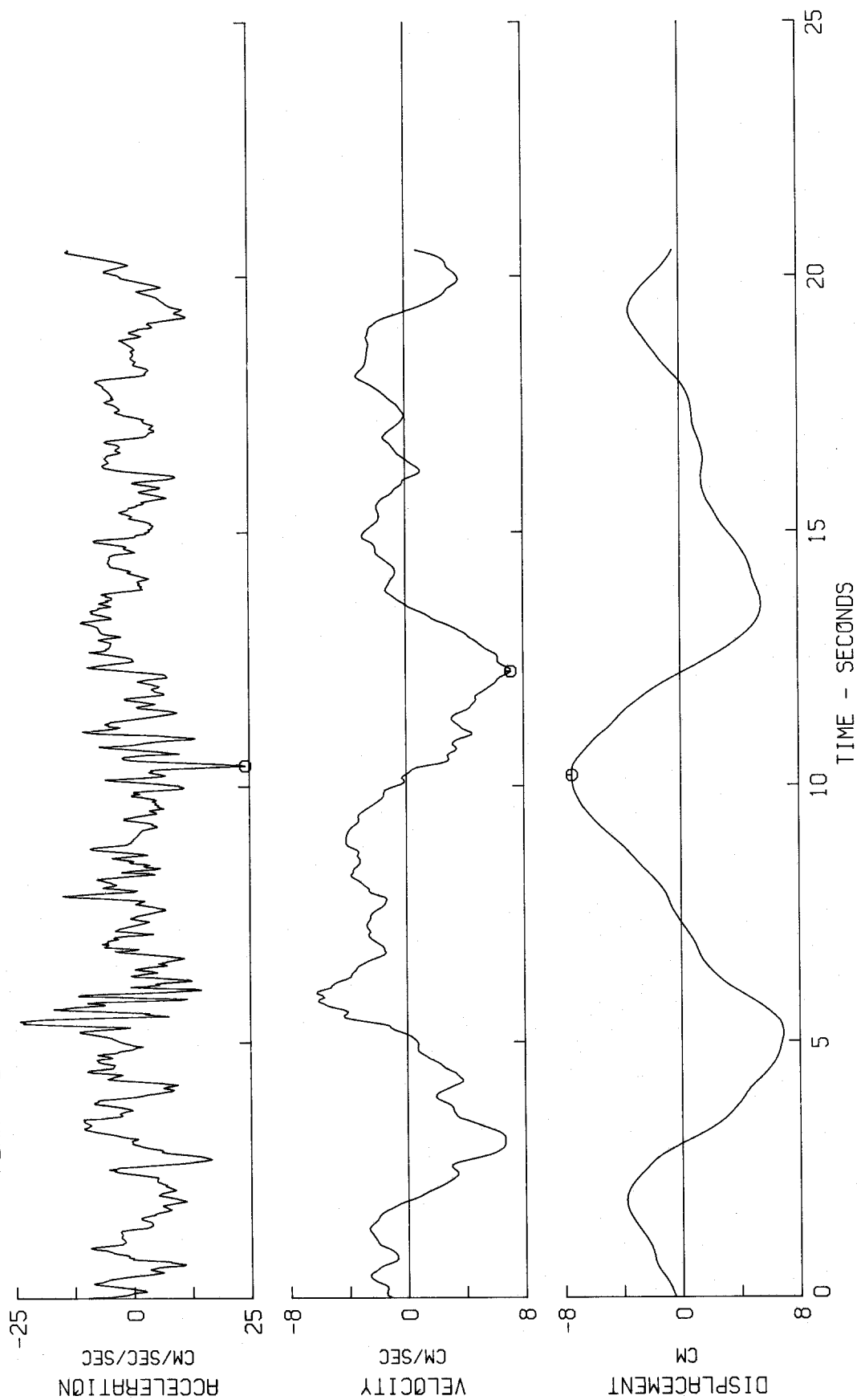
IMPERIAL VALLEY EARTHQUAKE JUNE 6, 1938 - 0437 PST
IIT276 38.004.0 EL CENTRO, IMPERIAL VALLEY IRRIGATION DISTRICT COMP UP
PEAK VALUES : ACCEL = -3.9 CM/SEC/SEC VELOCITY = -.6 CM/SEC DISPL = 1.0 CM



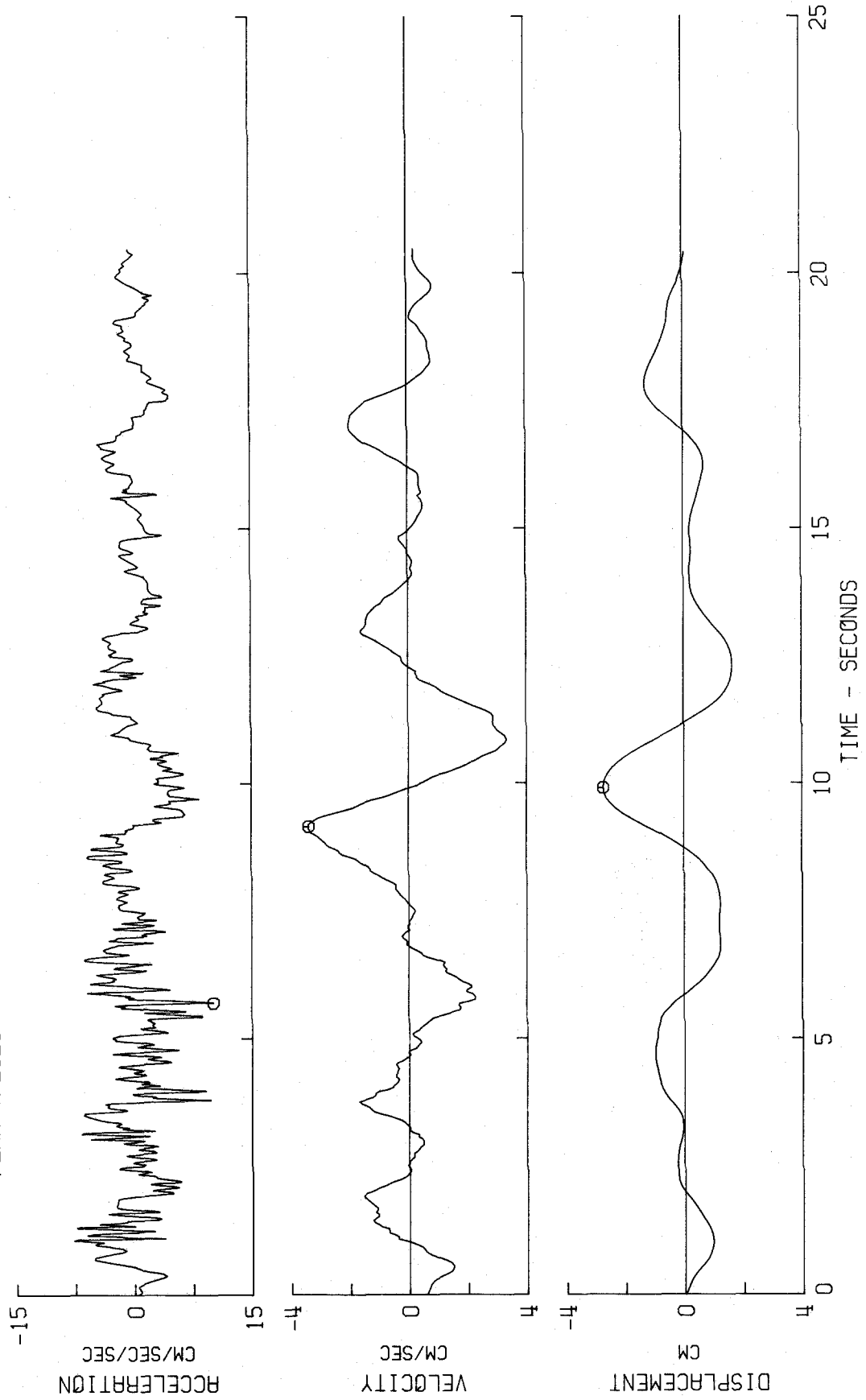
IMPERIAL VALLEY EQ. AFTERSHOCK MAY 18, 1940 - 2037 PST +45.5 SEC.
11T277 40.001.1 EL CENTRO, IMPERIAL VALLEY IRRIGATION DISTRICT COMP NORTH
o PEAK VALUES : ACCEL = 22.5 CM/SEC/SEC VELOCITY = 5.7 CM/SEC DISPL = -3.5 CM



IMPERIAL VALLEY EQ. AFTERSHOCK MAY 18, 1940 - 2037 PST +45.5 SEC.
 IIT277 40.001.1 EL CENTRO, IMPERIAL VALLEY IRRIGATION DISTRICT COMP EAST
 PEAK VALUES: ACCEL = 24.1 CM/SEC/SEC VELOCITY = 7.2 CM/SEC DISPL = -7.4 CM



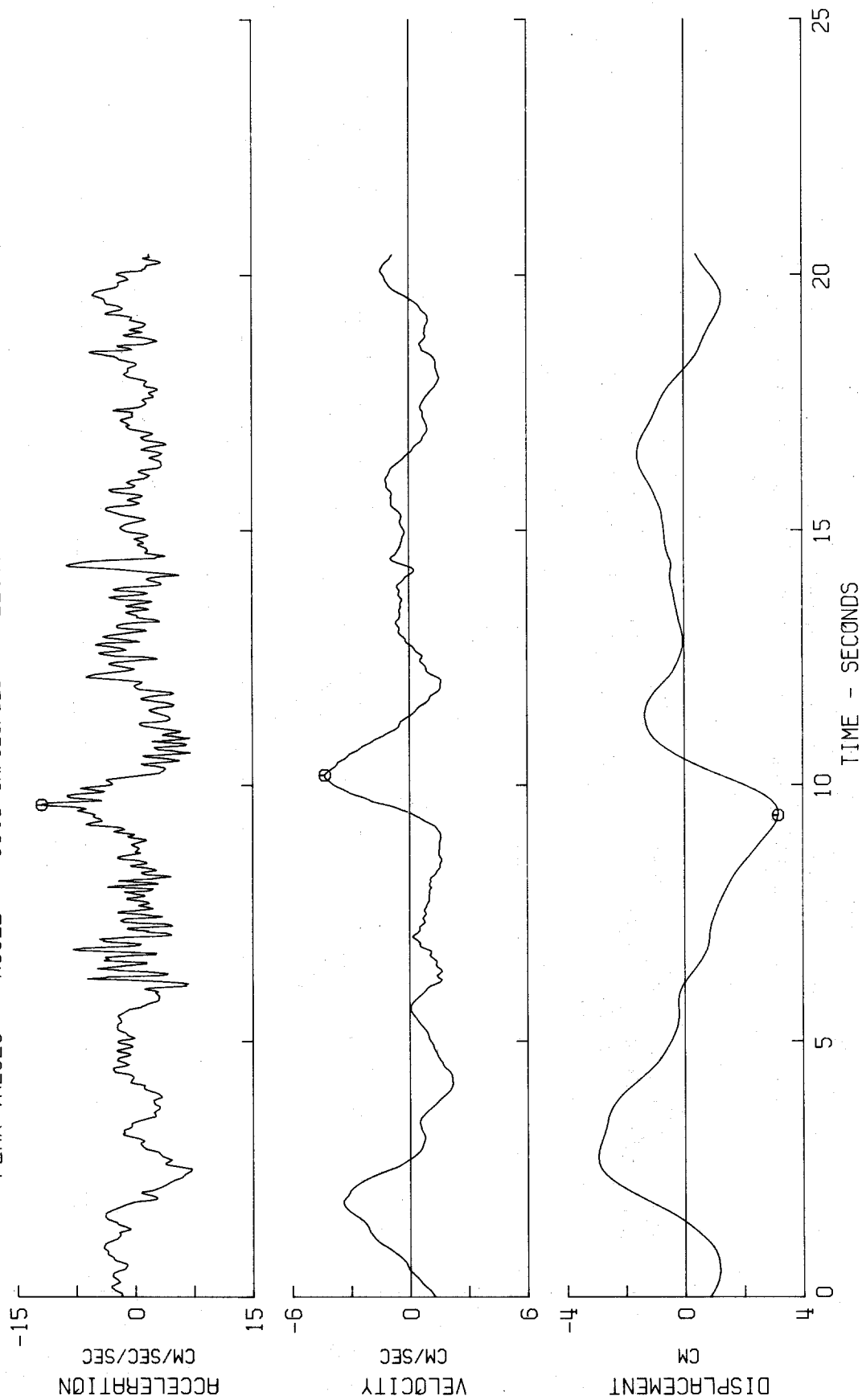
IMPERIAL VALLEY EQ. AFTERSHOCK MAY 18, 1940 - 2037 PST +45.5 SEC.
IIT277 40.001.1 EL CENTRO, IMPERIAL VALLEY IRRIGATION DISTRICT COMP UP
PEAK VALUES: ACCEL = 10.1 CM/SEC/SEC VELOCITY = -3.4 CM/SEC DISPL = -2.7 CM



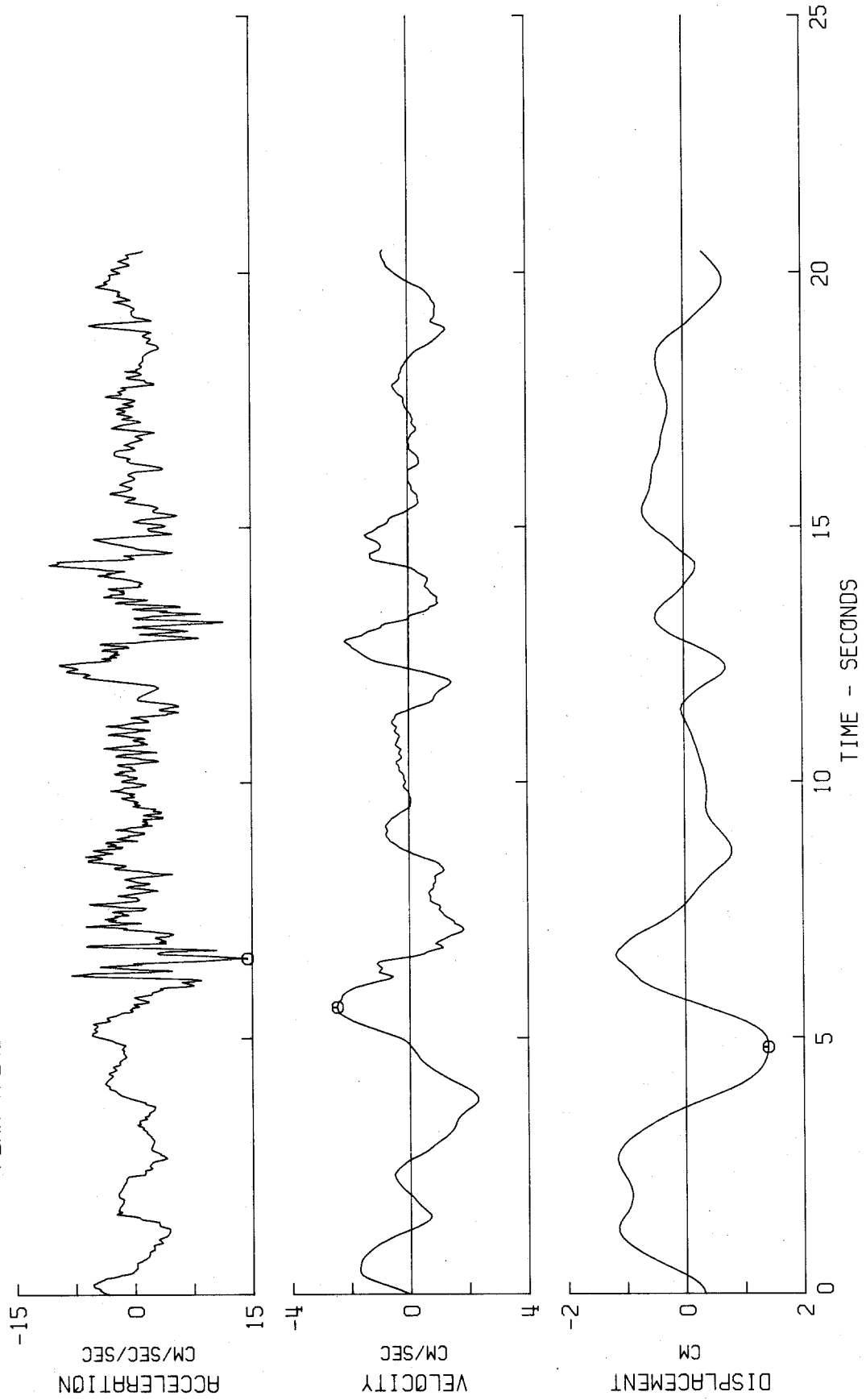
IMPERIAL VALLEY EQ. AFTERSHOCK MAY 18, 1940 - 2037 PST +84.0 SEC.

IIT278 40.001.2 EL CENTRO, IMPERIAL VALLEY IRRIGATION DISTRICT COMP NORTH

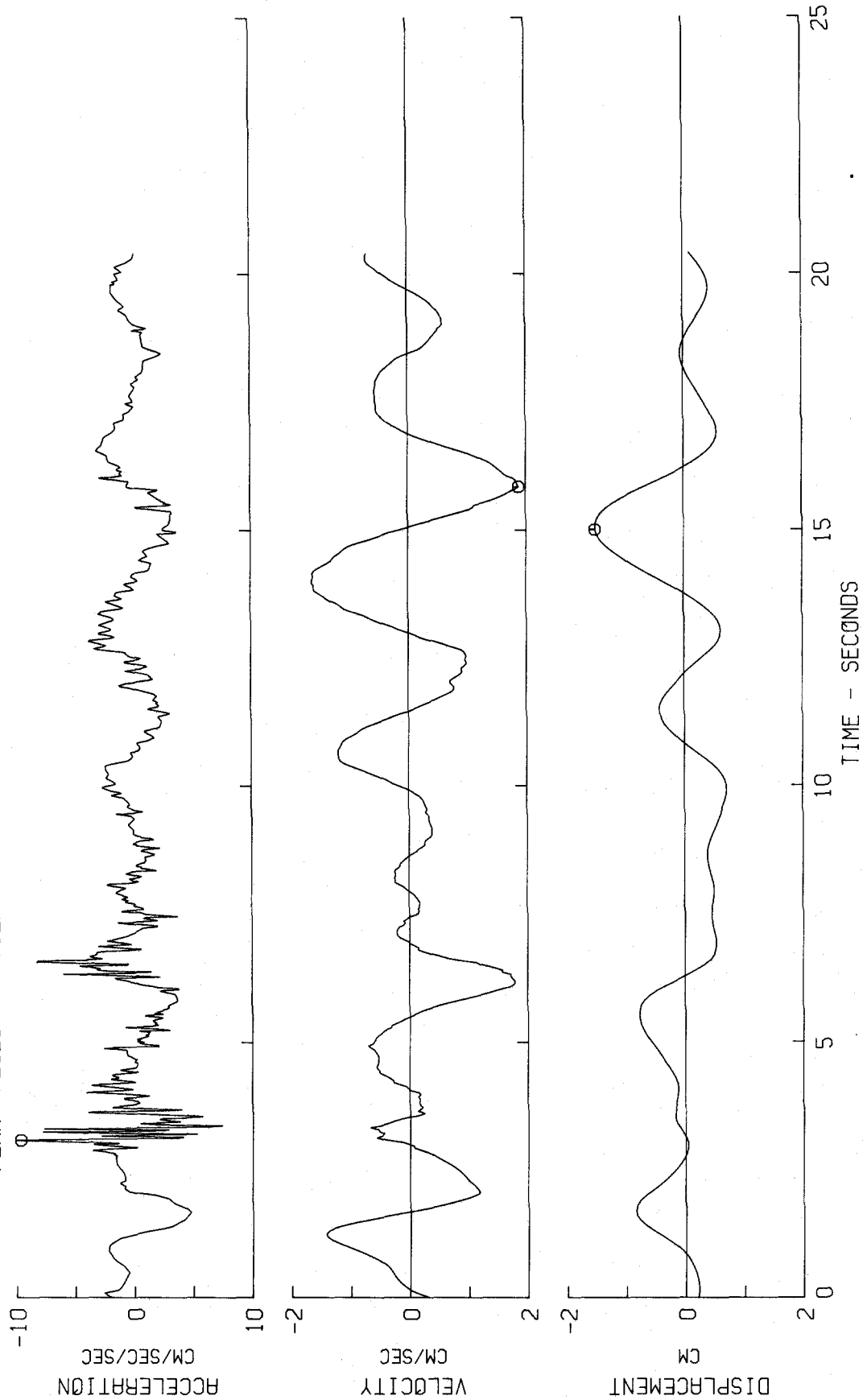
⊙ PEAK VALUES : ACCEL = -11.9 CM/SEC/SEC VELOCITY = -4.3 CM/SEC DISPL = 3.2 CM



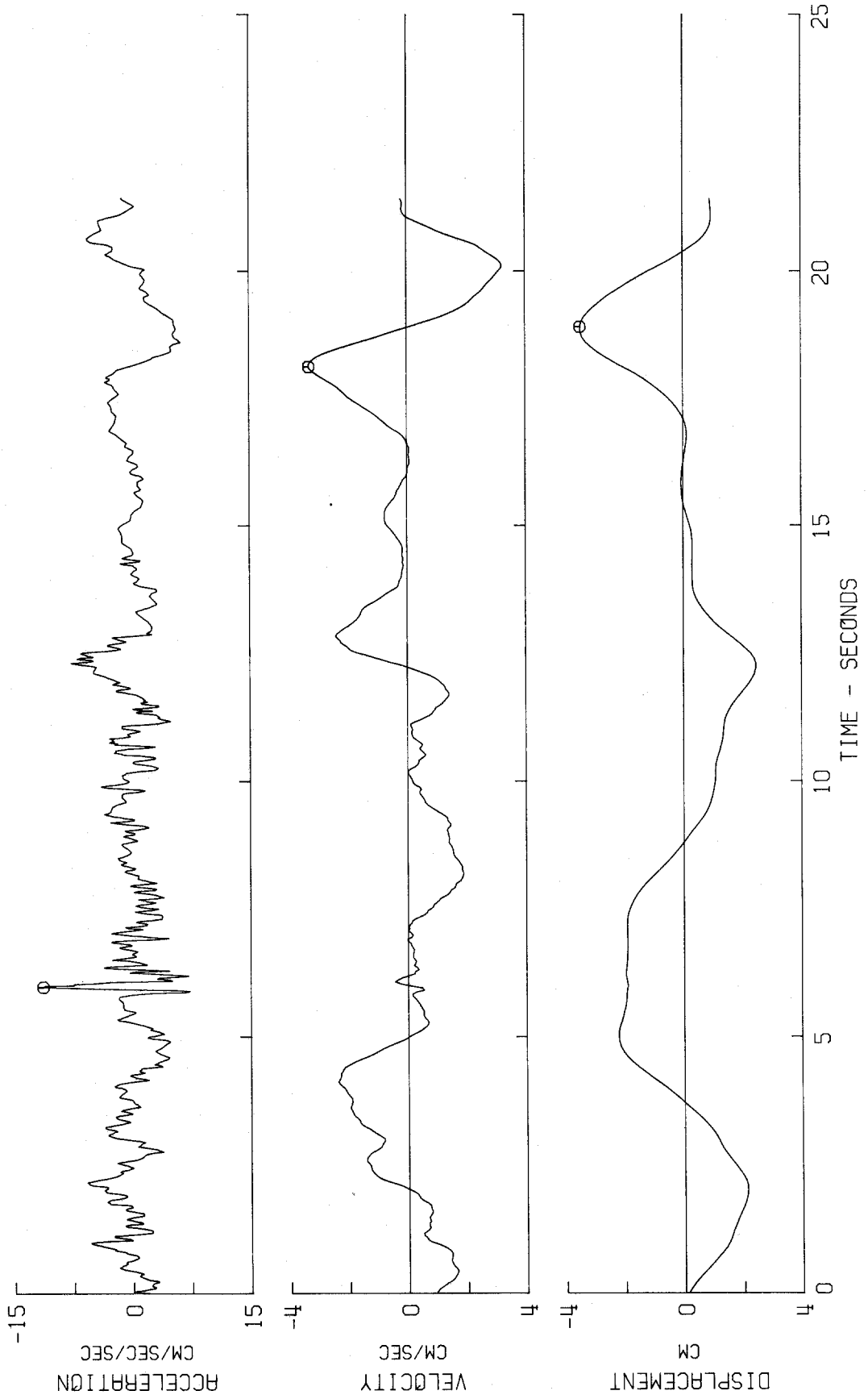
IMPERIAL VALLEY EQ. AFTERSHOCK MAY 18, 1940 - 2037 PST +84.0 SEC.
11T278 40.001.2 EL CENTRO, IMPERIAL VALLEY IRRIGATION DISTRICT COMP EAST
O PEAK VALUES : ACCEL = 14.4 CM/SEC/SEC VELOCITY = -2.4 CM/SEC DISPL = 1.4 CM



IMPERIAL VALLEY EQ. AFTERSHOCK MAY 18, 1940 - 2037 PST +84.0 SEC.
IIT278 40.001.2 EL CENTRO, IMPERIAL VALLEY IRRIGATION DISTRICT COMP UP
PEAK VALUES : ACCEL = -9.7 CM/SEC/SEC VELOCITY = 1.9 CM/SEC DISPL = -1.5 CM



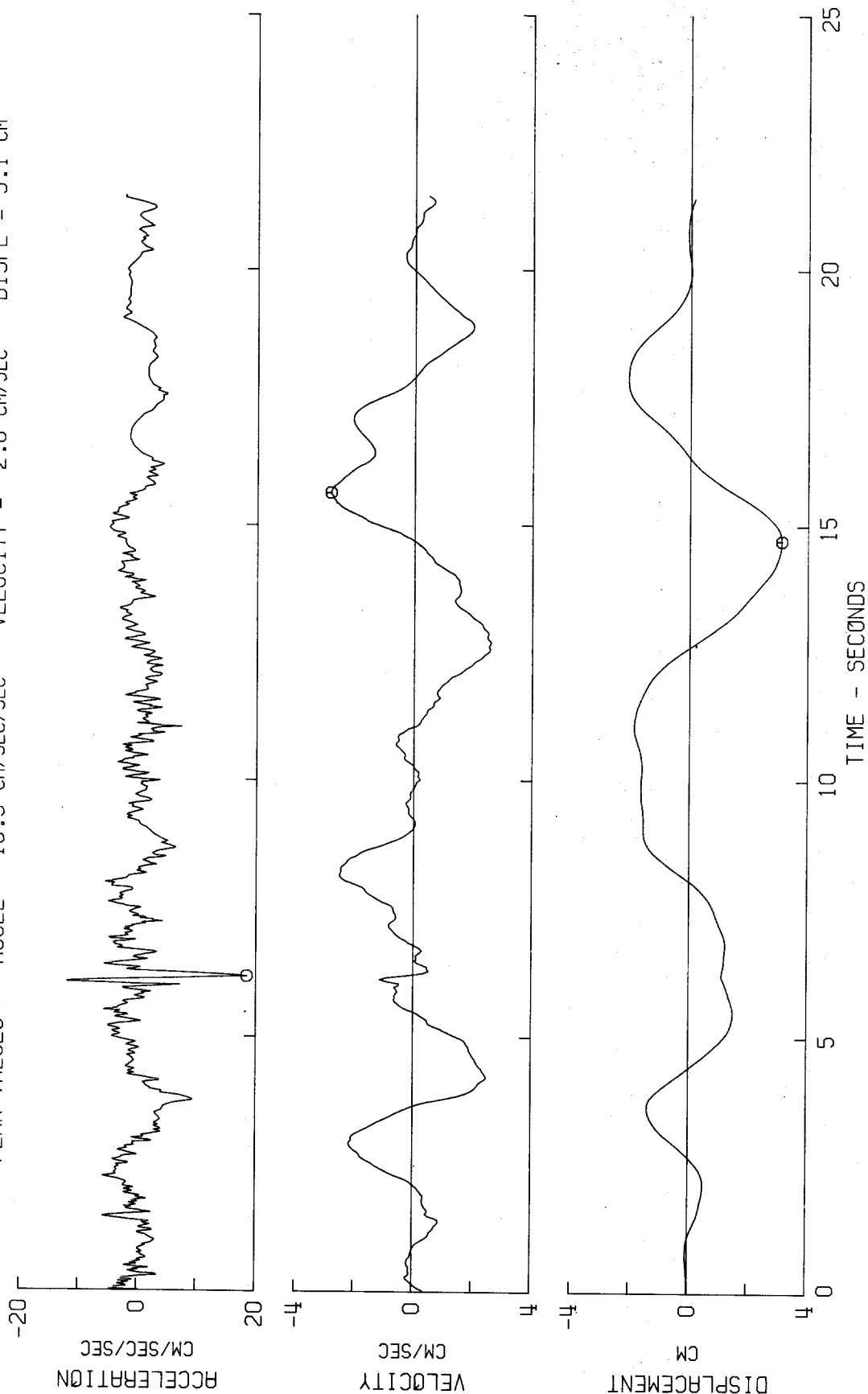
IMPERIAL VALLEY EQ. AFTERSHOCK MAY 18, 1940 - 2037 PST +101.5 SEC.
IIT279 40.001.3 EL CENTRO, IMPERIAL VALLEY IRRIGATION DISTRICT COMP NORTH
PEAK VALUES: ACCEL = -11.4 CM/SEC/SEC VELOCITY = -3.3 CM/SEC DISPL = -3.5 CM



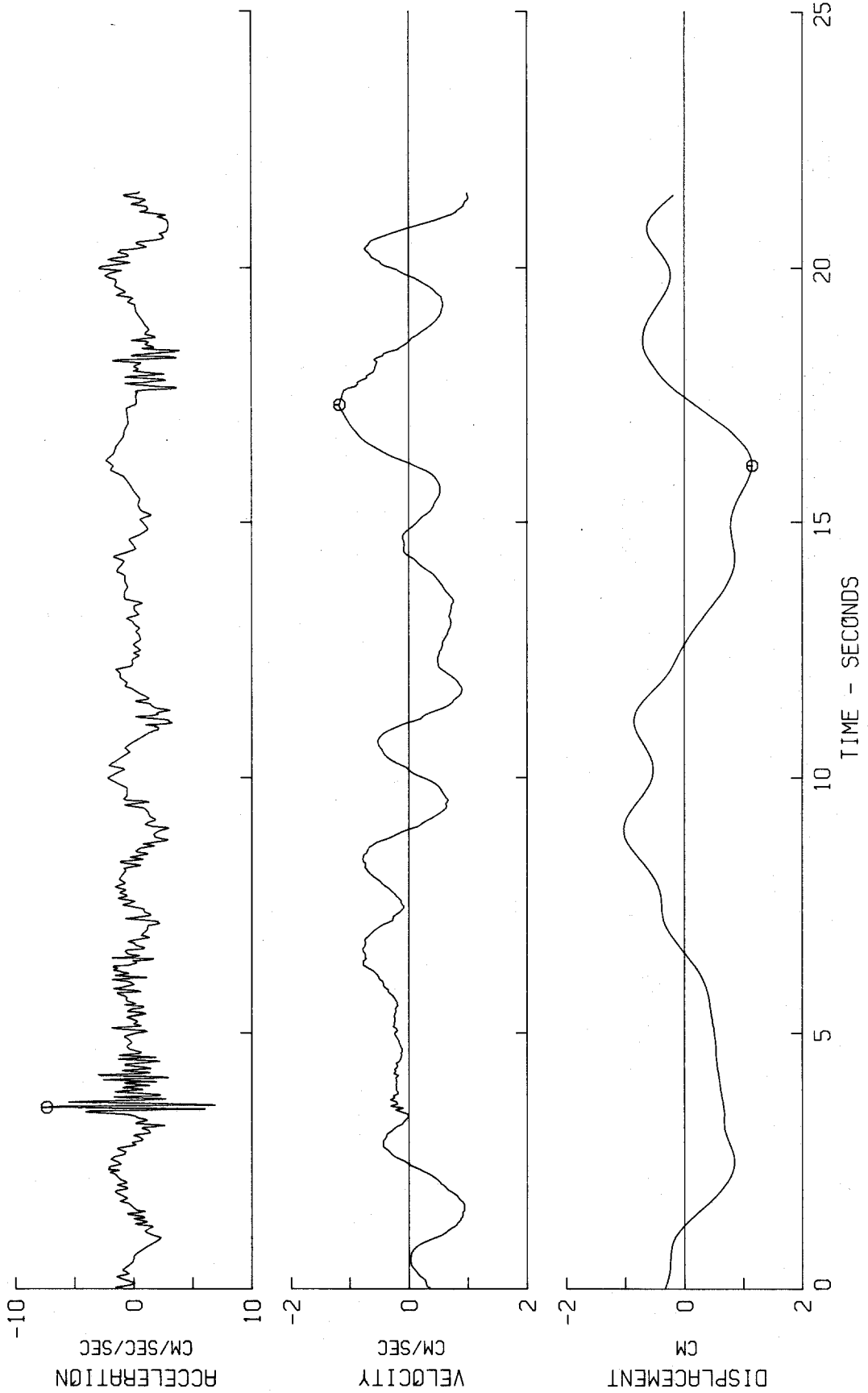
IMPERIAL VALLEY EQ. AFTERSHOCK MAY 18, 1940 - 2037 PST +101.5 SEC.

111279 40.001.3 EL CENTRO, IMPERIAL VALLEY IRRIGATION DISTRICT COMP EAST

⊙ PEAK VALUES : ACCEL = 18.5 CM/SEC/SEC VELOCITY = -2.8 CM/SEC DISPL = 3.1 CM



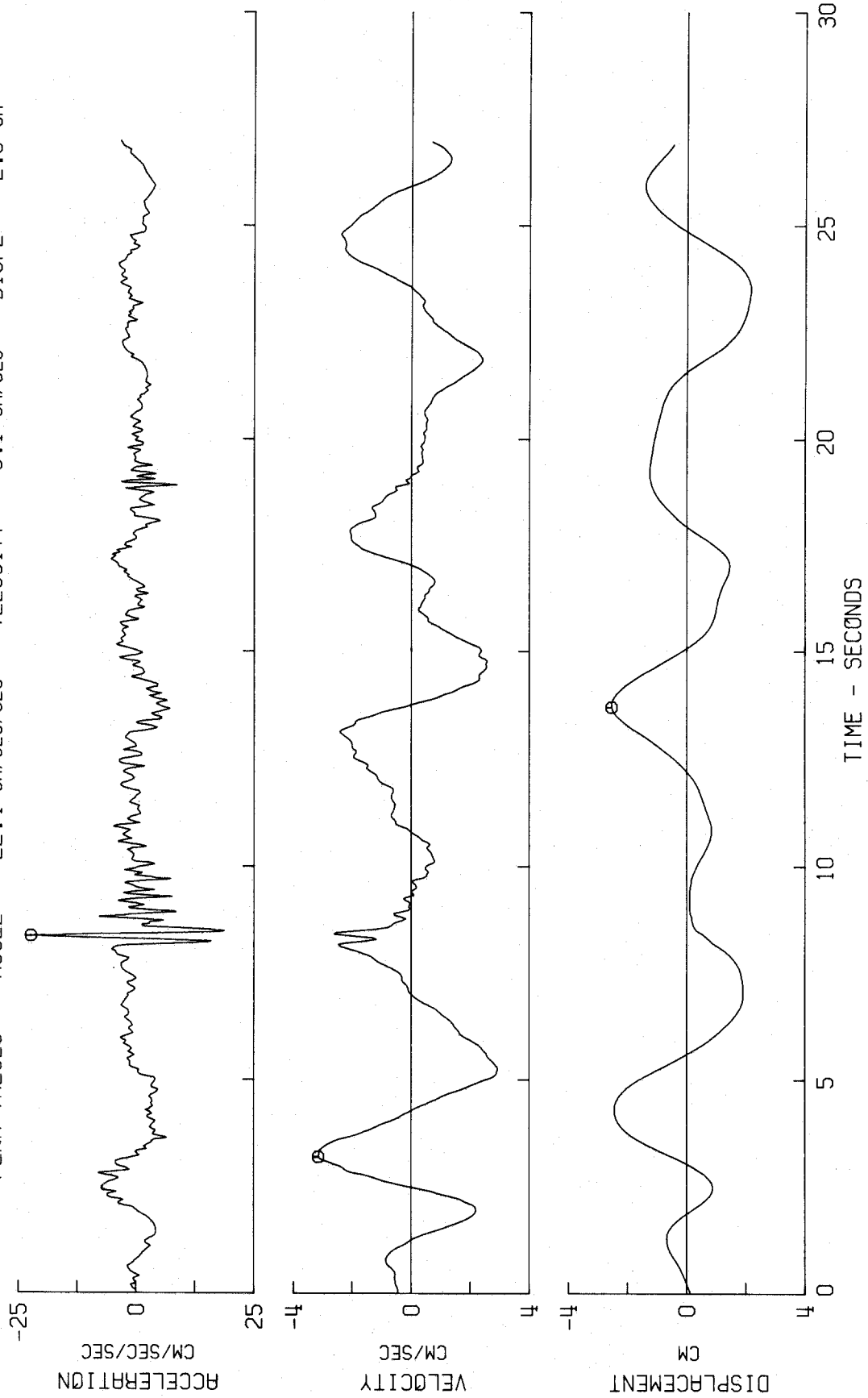
IMPERIAL VALLEY EQ. AFTERSHOCK MAY 18, 1940 - 2037 PST +101.5 SEC.
1117279 40.001.3 EL CENTRO, IMPERIAL VALLEY IRRIGATION DISTRICT COMP UP
O PEAK VALUES : ACCEL = -7.4 CM/SEC/SEC VELOCITY = -1.2 CM/SEC DISPL = 1.2 CM



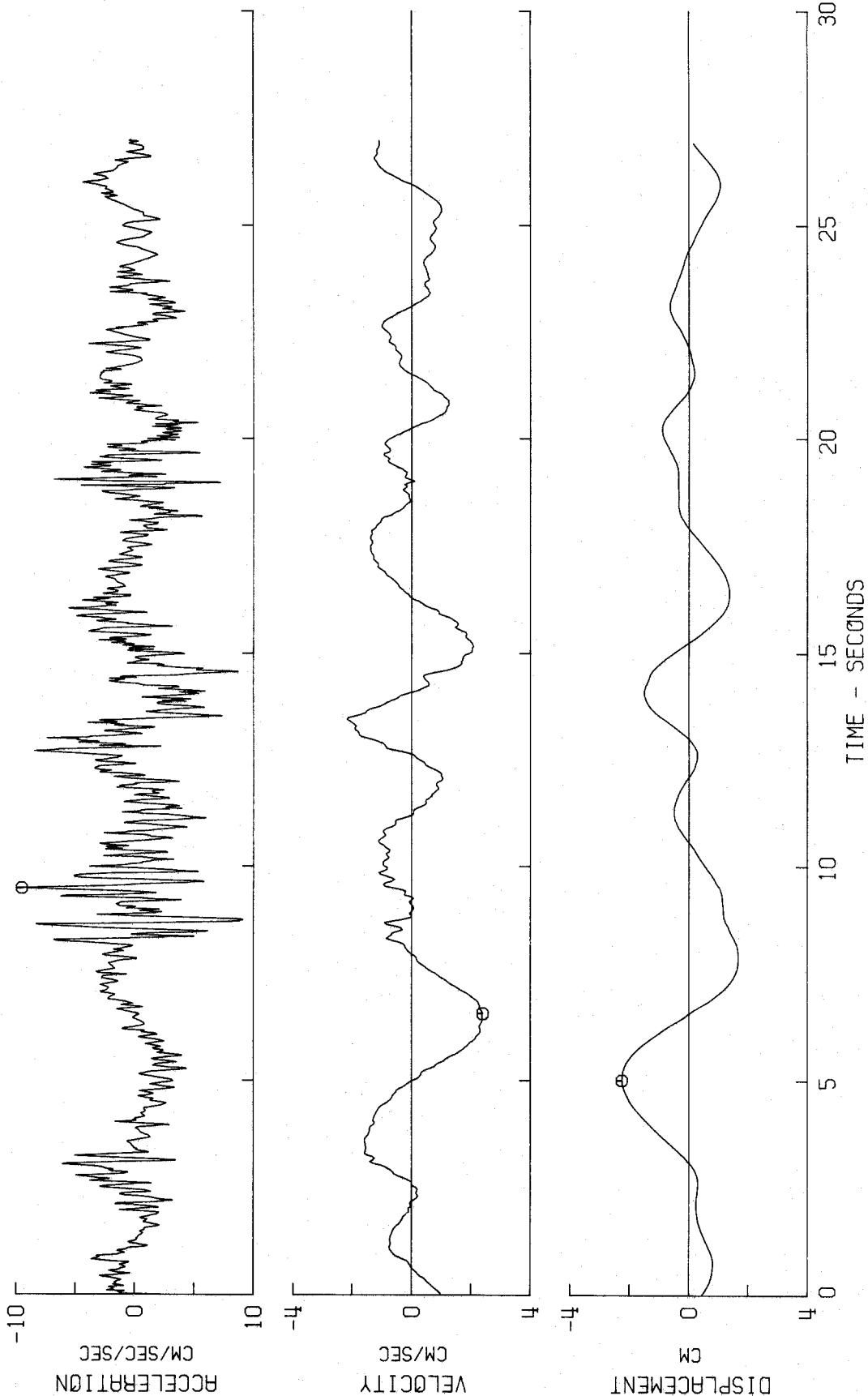
IMPERIAL VALLEY EQ. AFTERSHOCK MAY 18, 1940 - 2037 PST +125.0 SEC.

IIT280 40.001.4 EL CENTRO, IMPERIAL VALLEY IRRIGATION DISTRICT COMP NORTH

⊙ PEAK VALUES : ACCEL = -22.4 CM/SEC/SEC VELOCITY = -3.1 CM/SEC DISPL = -2.5 CM



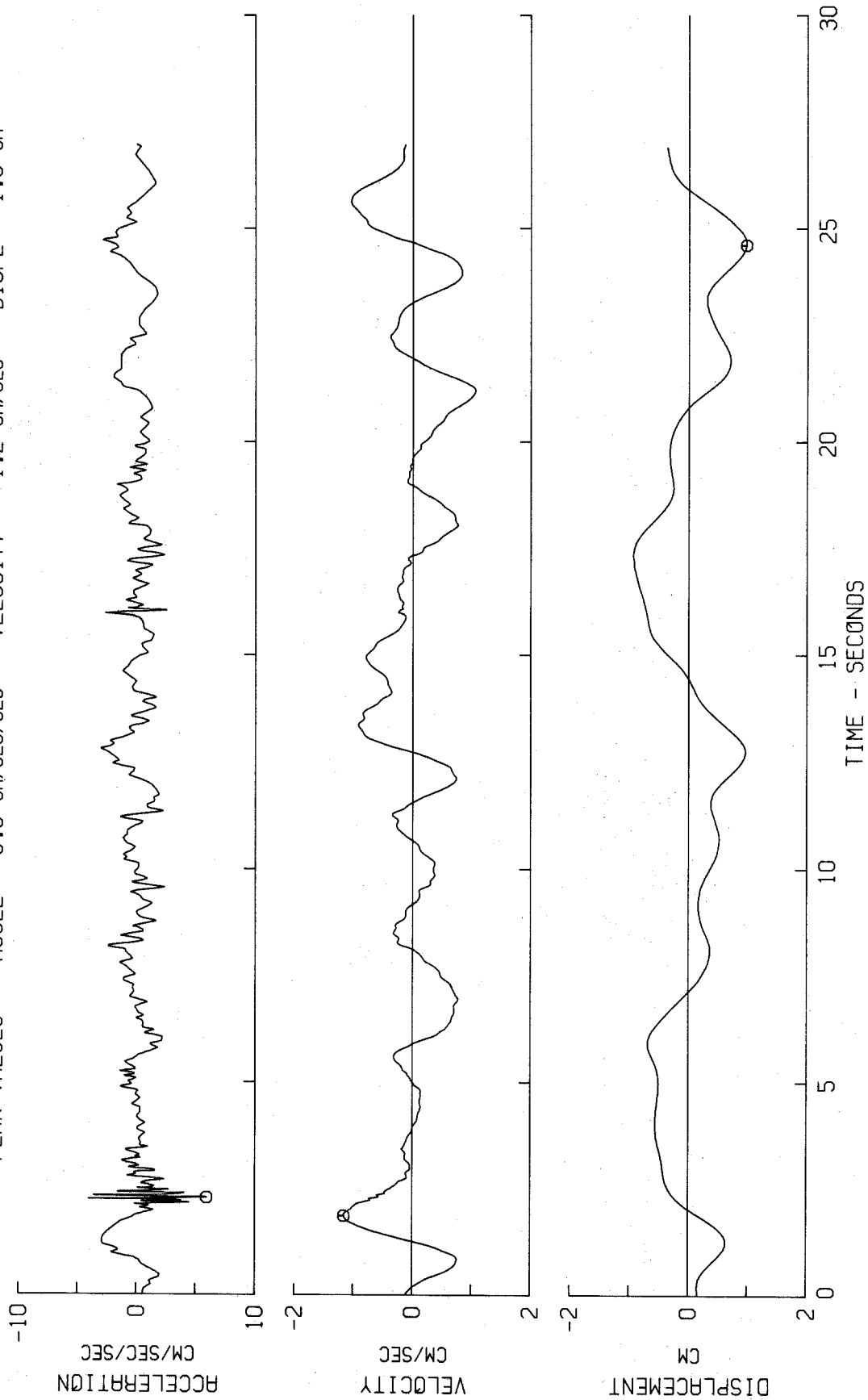
IMPERIAL VALLEY EQ. AFTERSHOCK MAY 18, 1940 - 2037 PST +125.0 SEC.
111280 40.001.4 EL CENTRO, IMPERIAL VALLEY IRRIGATION DISTRICT COMP EAST
O PEAK VALUES : ACCEL = -9.5 CM/SEC/SEC VELOCITY = 2.4 CM/SEC DISPL = -2.3 CM



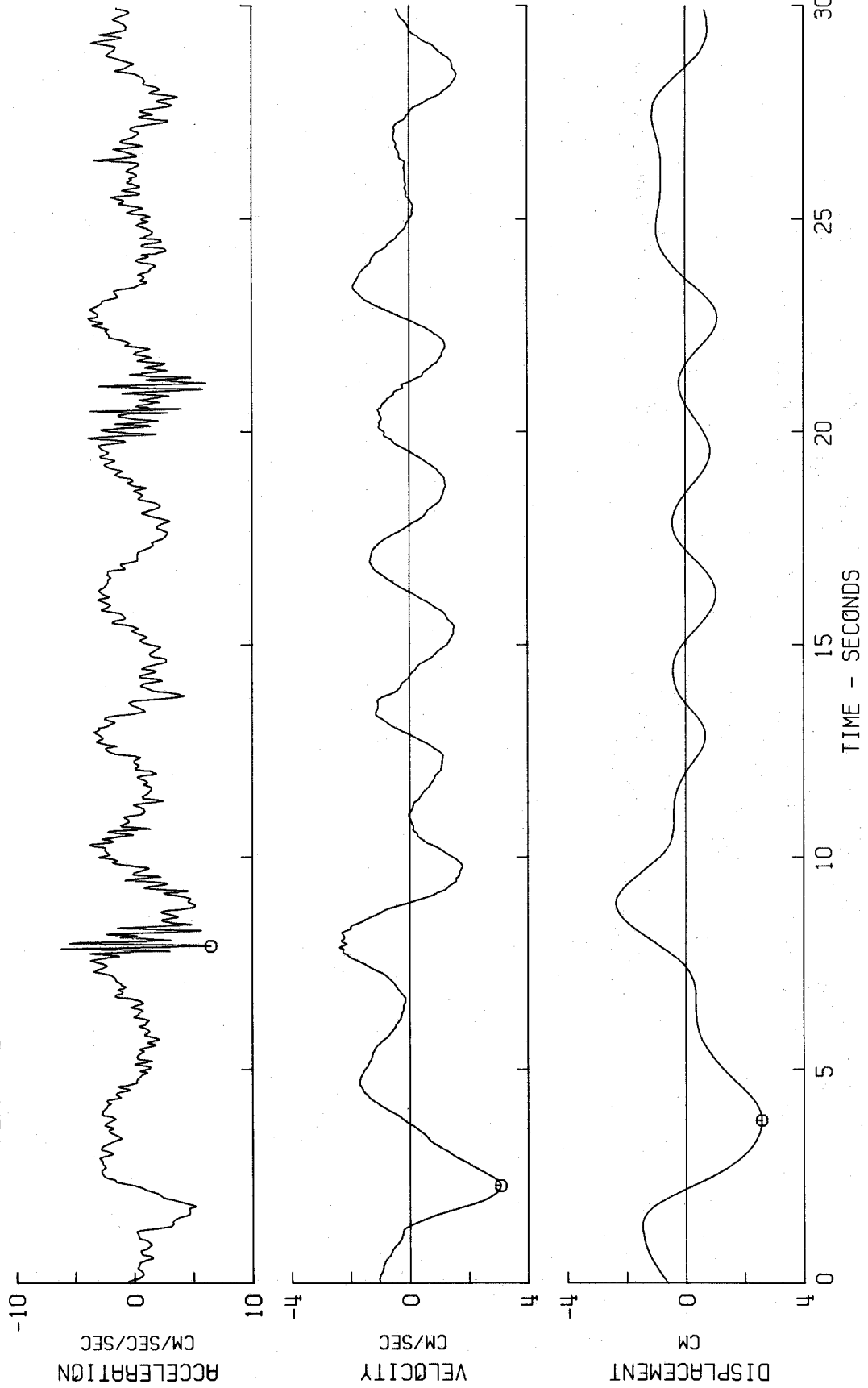
IMPERIAL VALLEY EQ. AFTERSHOCK MAY 18, 1940 - 2037 PST +125.0 SEC.

IIT280 40.001.4 EL CENTRO, IMPERIAL VALLEY IRRIGATION DISTRICT COMP UP

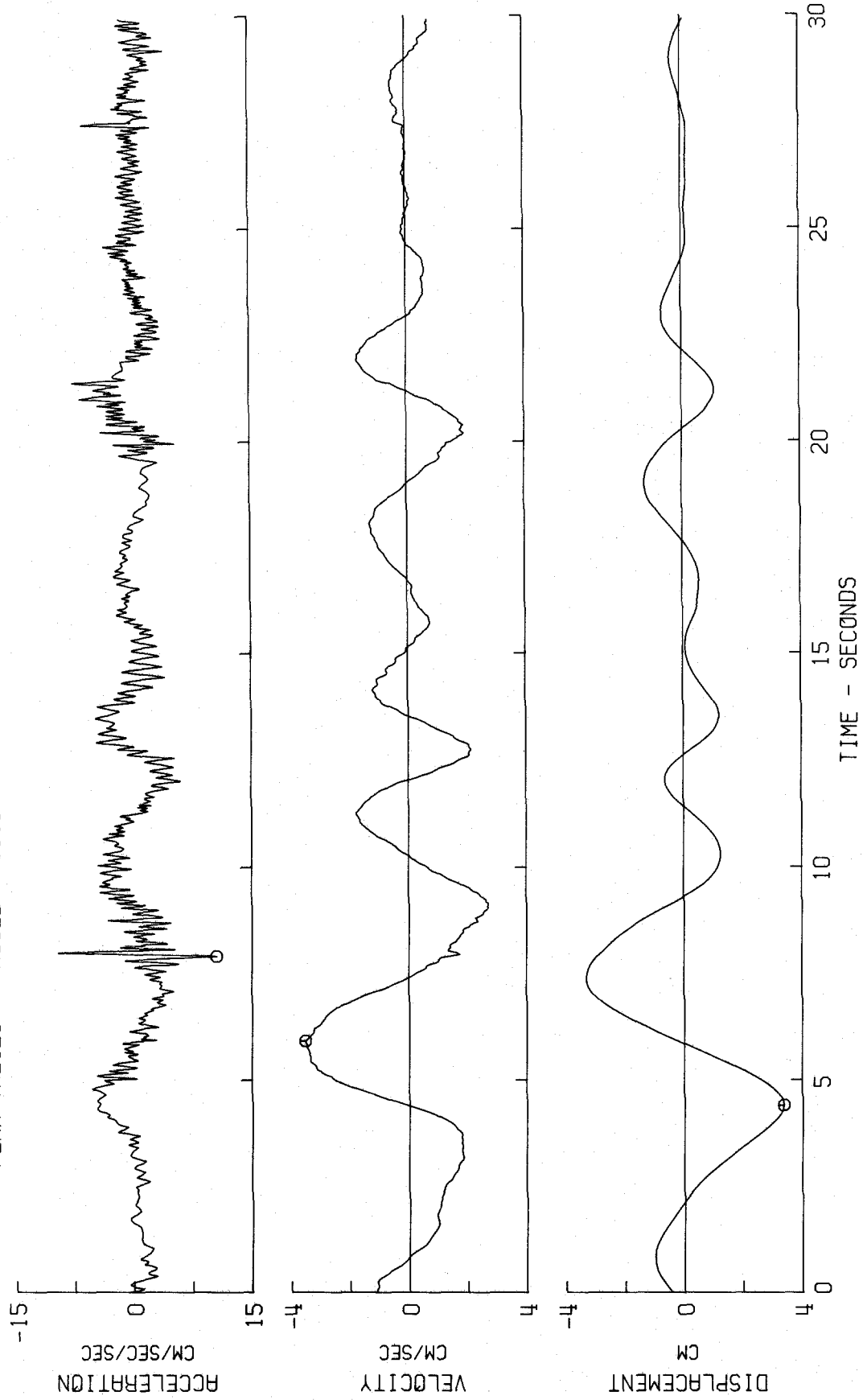
⊙ PEAK VALUES : ACCEL = 5.9 CM/SEC/SEC VELOCITY = -1.2 CM/SEC DISPL = 1.0 CM



IMPERIAL VALLEY EQ. AFTERSHOCK MAY 18, 1940 - 2037 PST +154.0 SEC.
IIT281 40.001.5 EL CENTRO, IMPERIAL VALLEY IRRIGATION DISTRICT COMP NORTH
⊙ PEAK VALUES : ACCEL = 6.5 CM/SEC/SEC VELOCITY = 3.1 CM/SEC DISPL = 2.6 CM



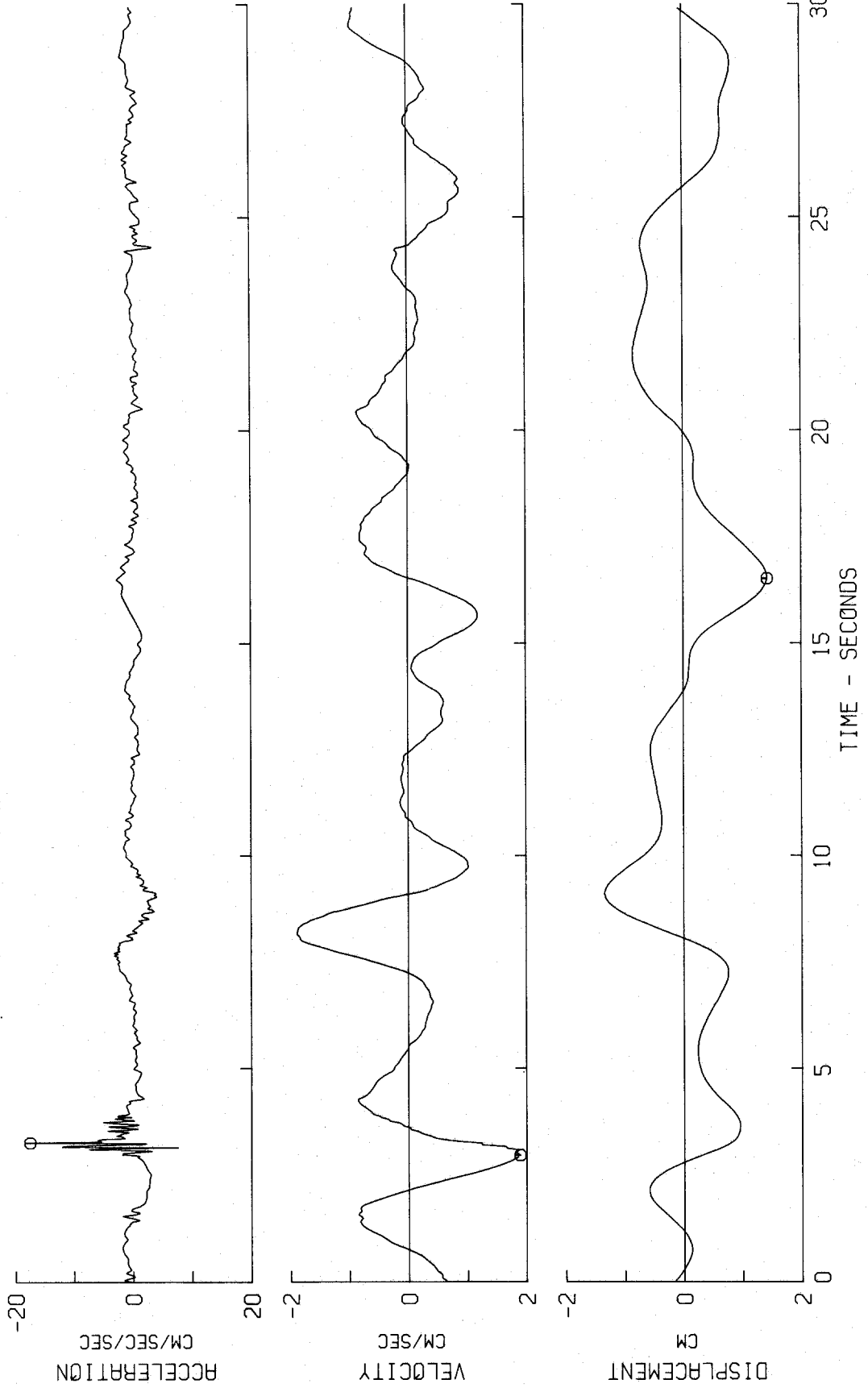
IMPERIAL VALLEY EQ. AFTERSHOCK MAY 18, 1940 - 2037 PST +154.0 SEC.
IIT281 40.001.5 EL CENTRO, IMPERIAL VALLEY IRRIGATION DISTRICT COMP EAST
Ø PEAK VALUES : ACCEL = 10.5 CM/SEC/SEC VELOCITY = -3.5 CM/SEC DISPL = 3.4 CM



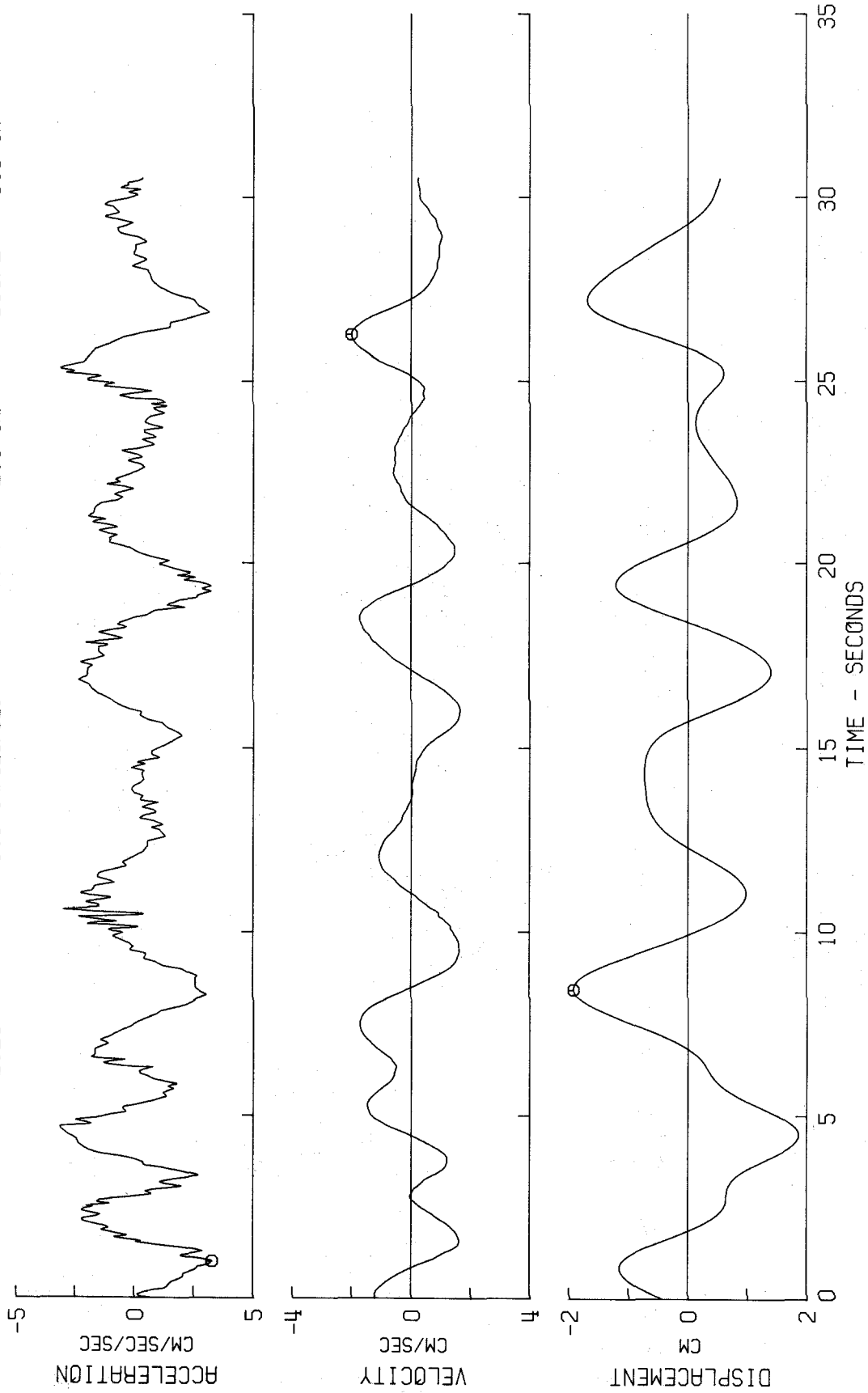
IMPERIAL VALLEY EQ. AFTERSHOCK MAY 18, 1940 - 2037 PST +154.0 SEC.

IIT281 40.001.5 EL CENTR0, IMPERIAL VALLEY IRRIGATION DISTRICT COMP UP

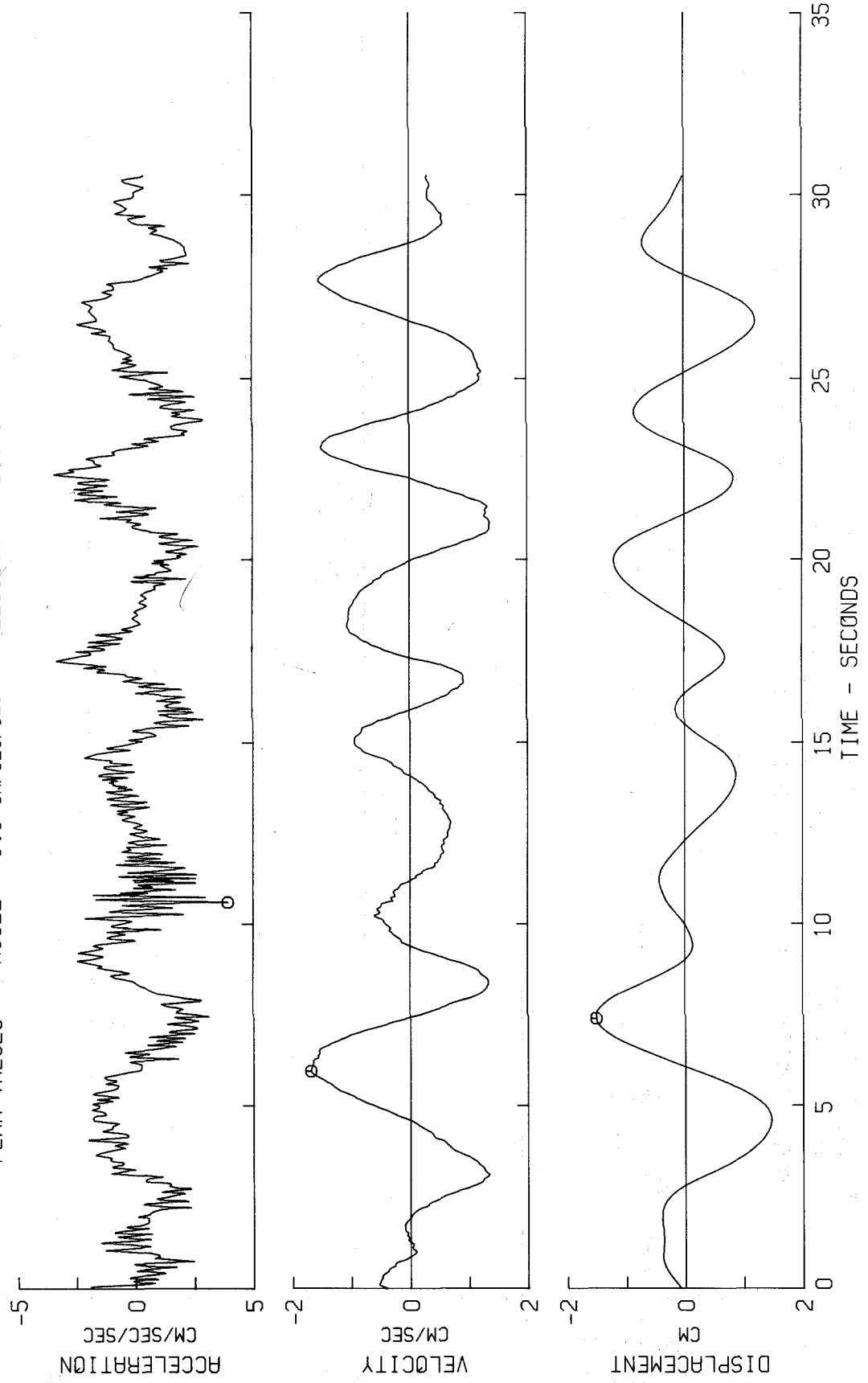
⊙ PEAK VALUES : ACCEL = -17.5 CM/SEC/SEC VELOCITY = 1.9 CM/SEC DISPL = 1.4 CM



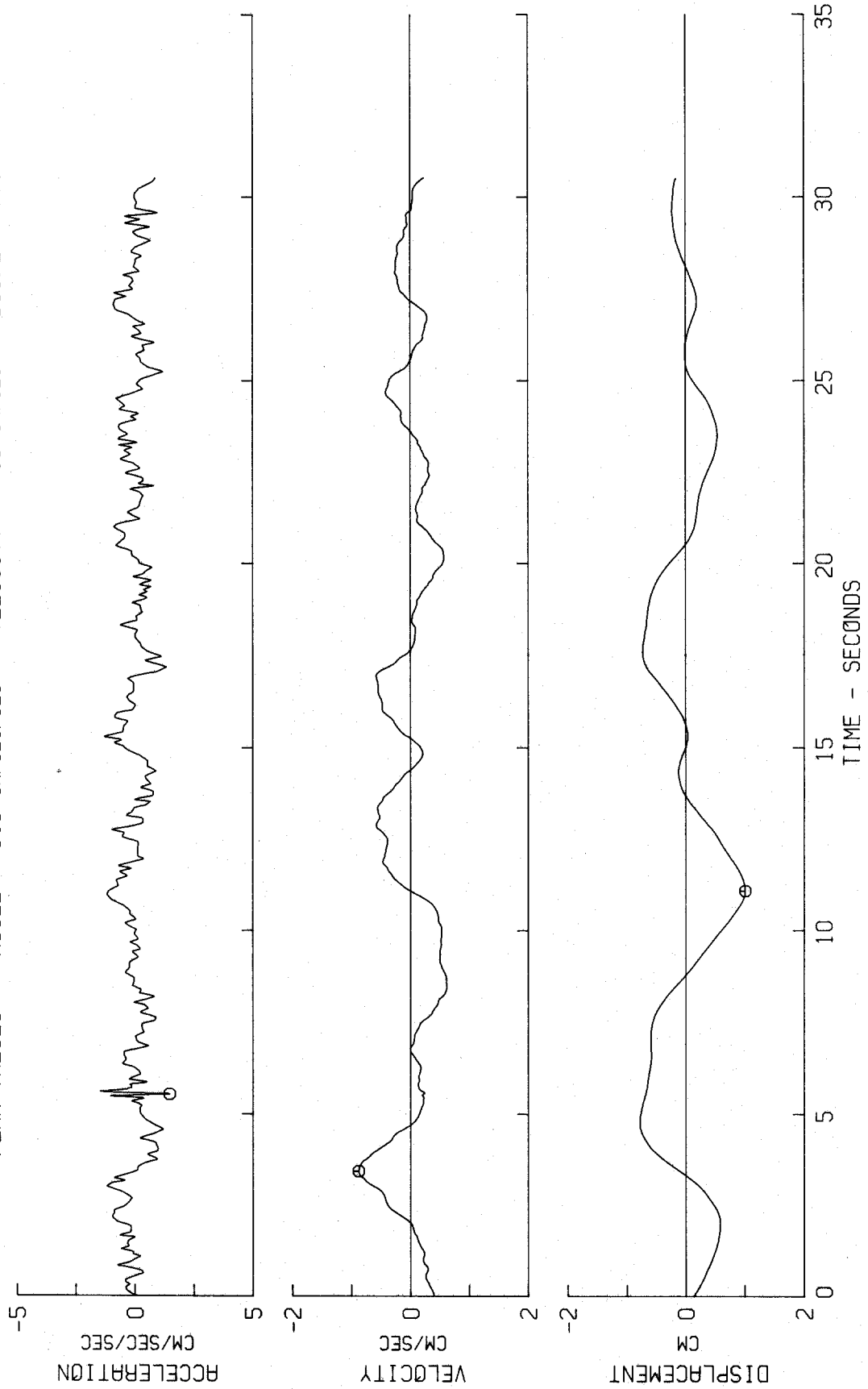
IMPERIAL VALLEY EQ. AFTERSHOCK MAY 18, 1940 - 2037 PST +203.0 SEC.
IIT282 40.001.6 EL CENTRO, IMPERIAL VALLEY IRRIGATION DISTRICT COMP NORTH
PEAK VALUES : ACCEL = 3.3 CM/SEC/SEC VELOCITY = -2.0 CM/SEC DISPL = -1.9 CM



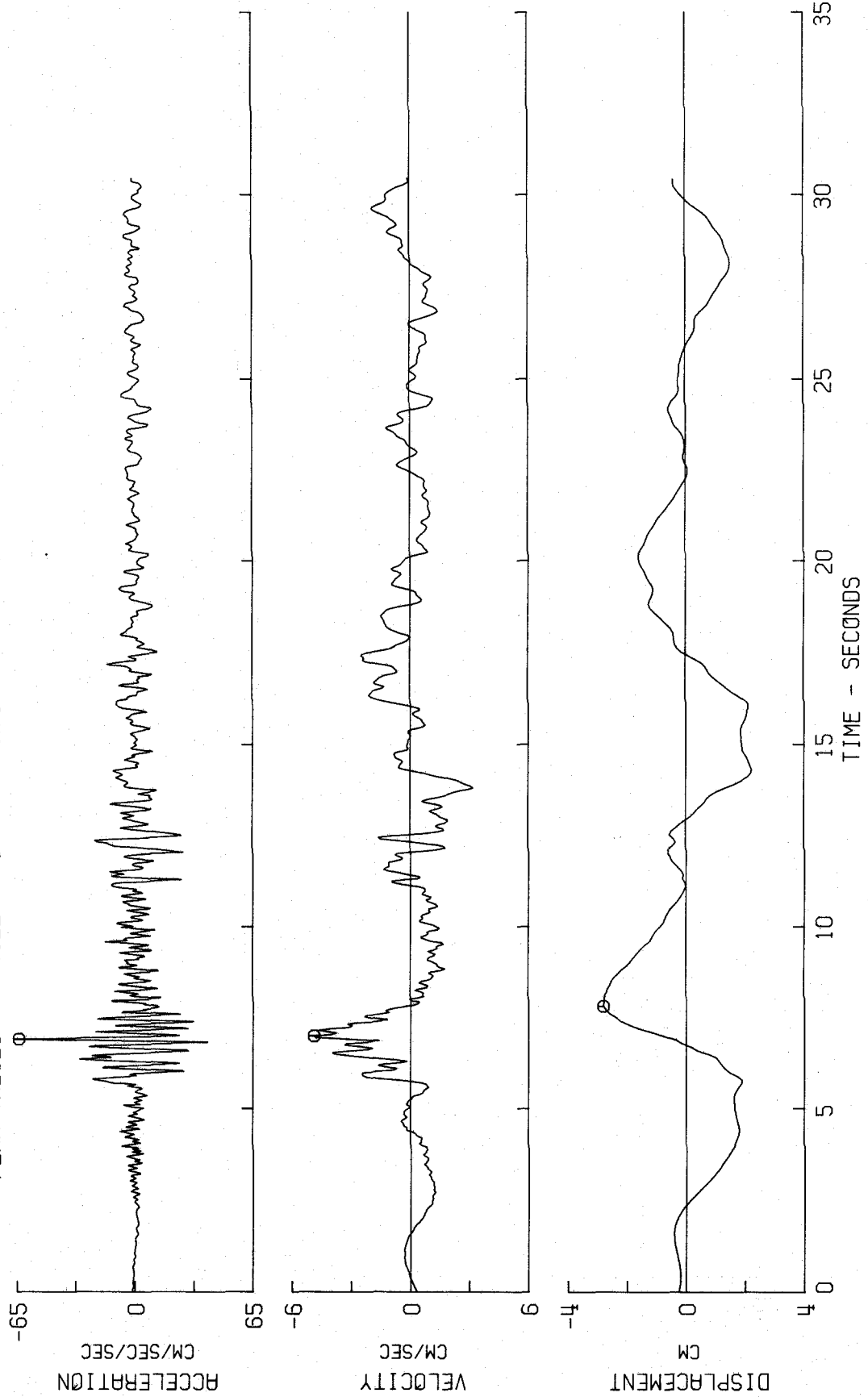
IMPERIAL VALLEY EQ. AFTERSHOCK MAY 18, 1940 - 2037 PST. +203.0 SEC.
IIT282 40.001.6 EL CENTR0, IMPERIAL VALLEY IRRIGATION DISTRICT COMP EAST
0 PEAK VALUES : ACCEL = 3.9 CM/SEC/SEC VELOCITY = -1.7 CM/SEC DISPL = -1.5 CM



IMPERIAL VALLEY EQ. AFTERSHOCK MAY 18, 1940 - 2037 PST +203.0 SEC.
IIT282 40.001.6 EL CENTRO, IMPERIAL VALLEY IRRIGATION DISTRICT COMP UP
⊙ PEAK VALUES : ACCEL = 1.5 CM/SEC/SEC VELOCITY = -.9 CM/SEC DISPL = 1.0 CM



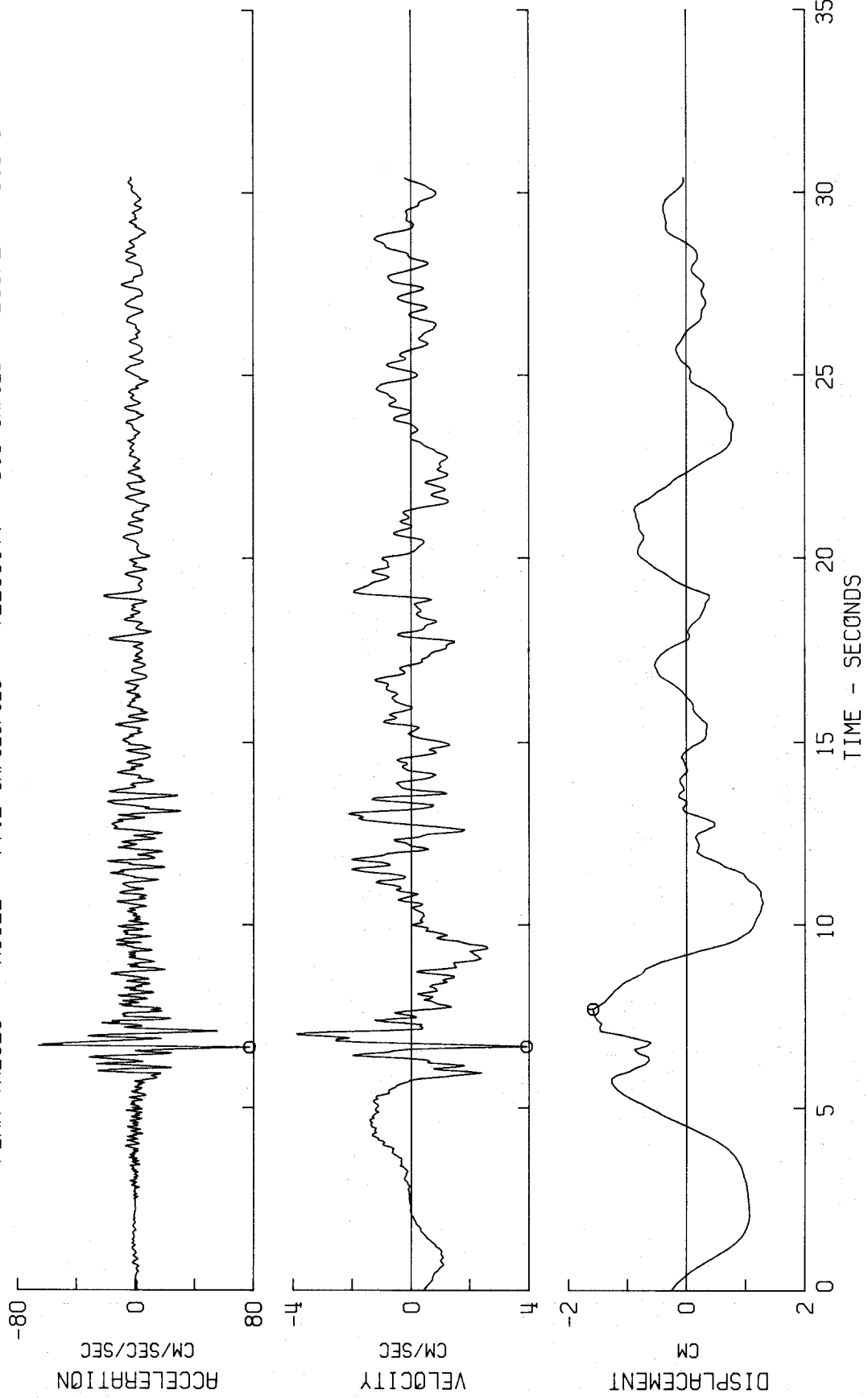
IMPERIAL VALLEY EQ. AFTERSHOCK MAY 18, 1940 - 2037 PST +242.0 SEC.
IIT283 40.001.7 EL CENTRO, IMPERIAL VALLEY IRRIGATION DISTRICT COMP NORTH
PEAK VALUES : ACCEL = -64.0 CM/SEC/SEC VELOCITY = -4.9 CM/SEC DISPL = -2.8 CM



IMPERIAL VALLEY EQ. AFTERSHOCK MAY 18, 1940 - 2037 PST +242.0 SEC.

IIT283 40.001.7 EL CENTRO, IMPERIAL VALLEY IRRIGATION DISTRICT COMP EAST

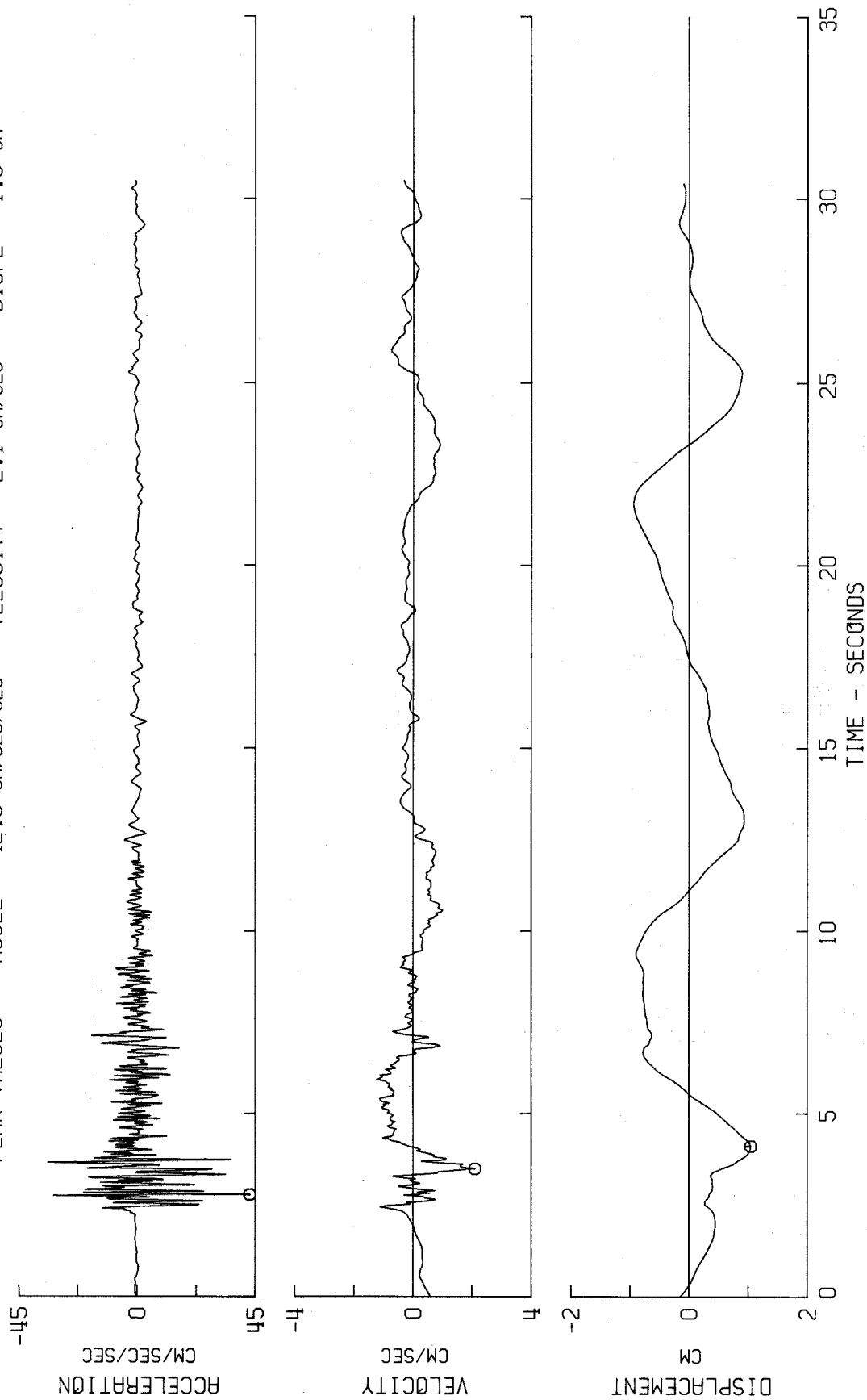
⊙ PEAK VALUES : ACCEL = 77.2 CM/SEC/SEC VELOCITY = 3.9 CM/SEC DISPL = -1.6 CM



IMPERIAL VALLEY EQ. AFTERSHOCK MAY 18, 1940 - 2037 PST +242.0 SEC.

IIT283 40.001.7 EL CENTRO, IMPERIAL VALLEY IRRIGATION DISTRICT COMP UP

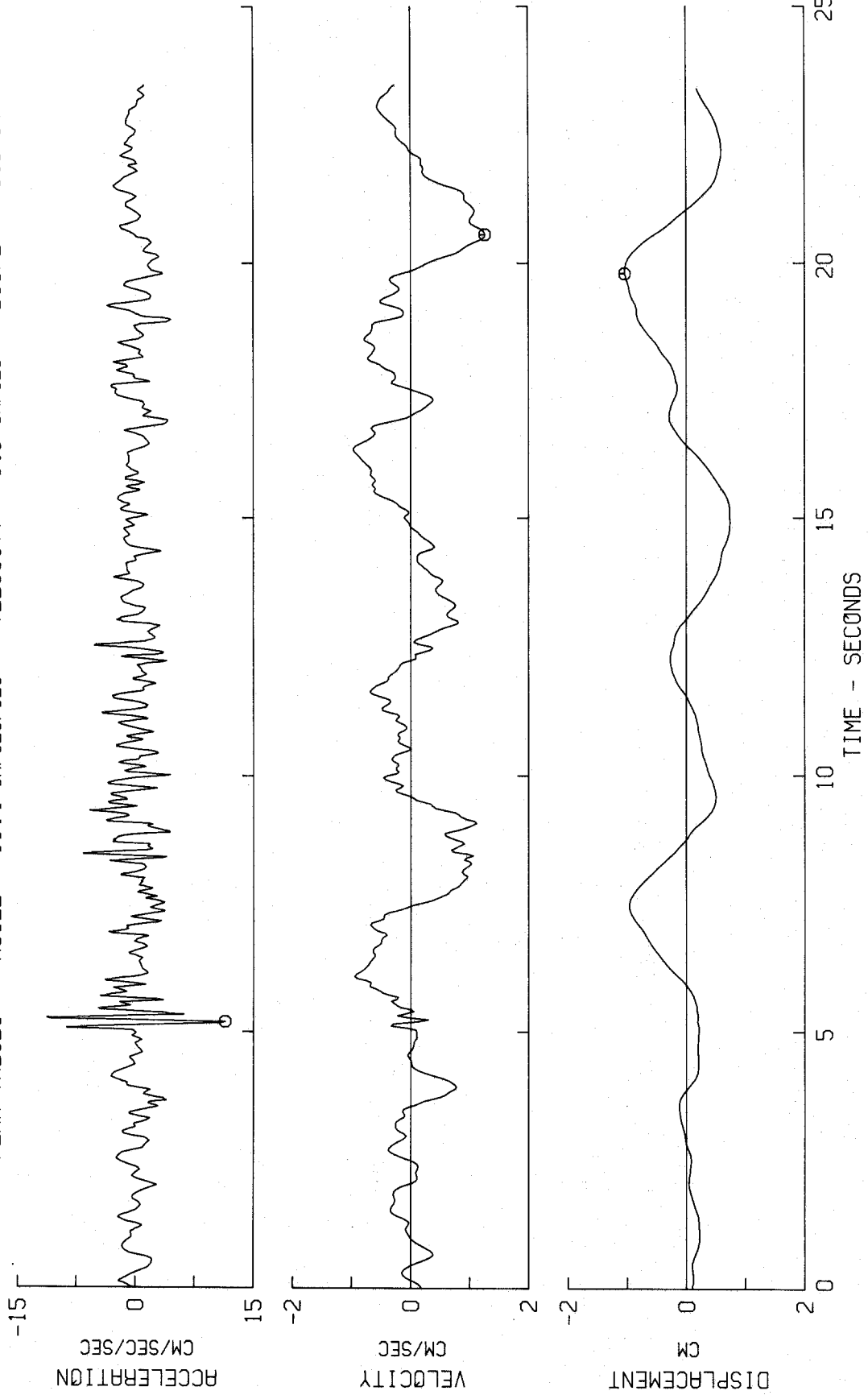
⊙ PEAK VALUES : ACCEL = 42.9 CM/SEC/SEC VELOCITY = 2.1 CM/SEC DISPL = 1.0 CM



IMPERIAL VALLEY EQ. AFTERSHOCK MAY 18, 1940 - 2037 PST +282.5 SEC.

IIT284 40.001.8 EL CENTRO, IMPERIAL VALLEY IRRIGATION DISTRICT COMP NORTH

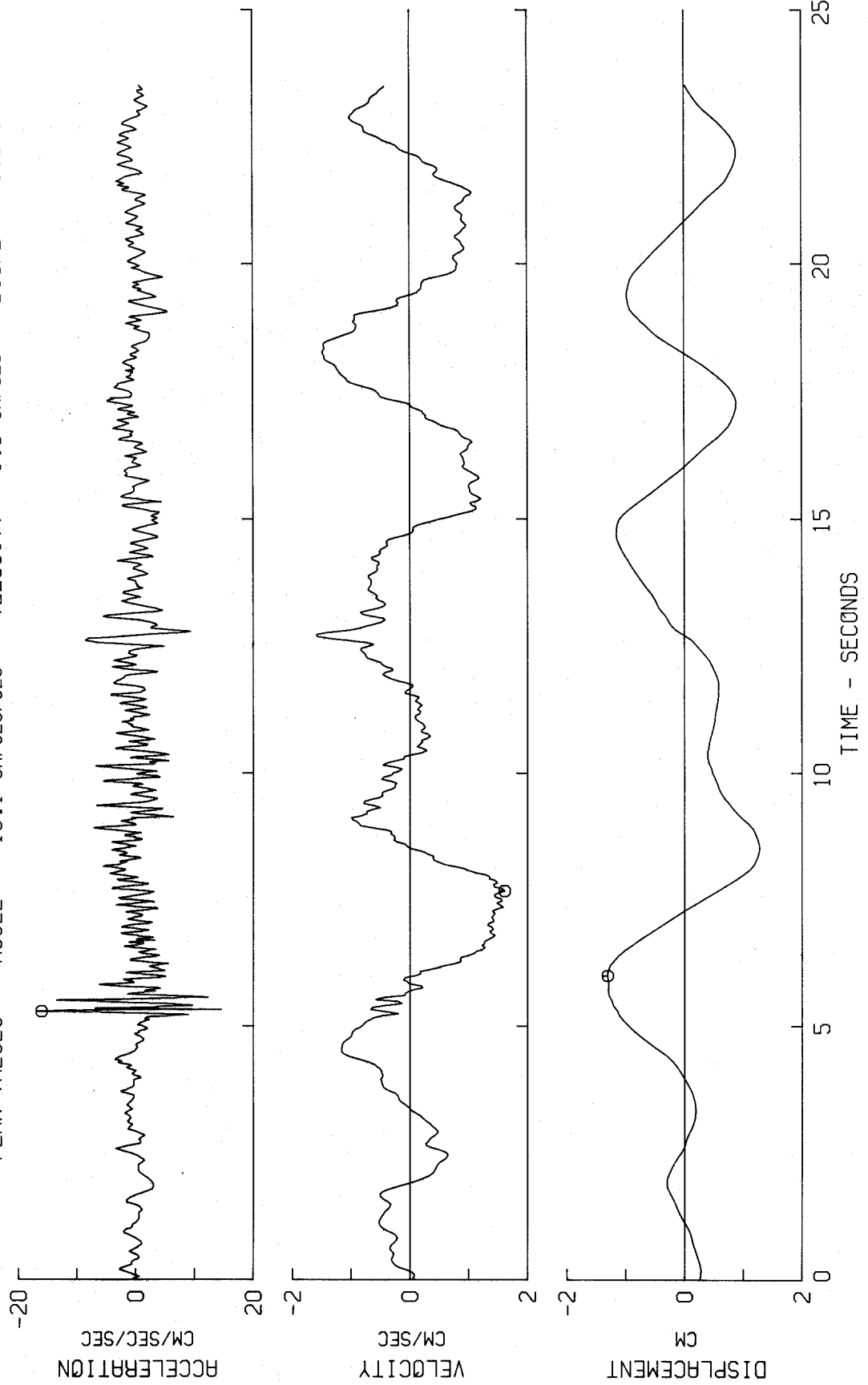
⊙ PEAK VALUES : ACCEL = 11.4 CM/SEC/SEC VELOCITY = 1.3 CM/SEC DISPL = -1.0 CM



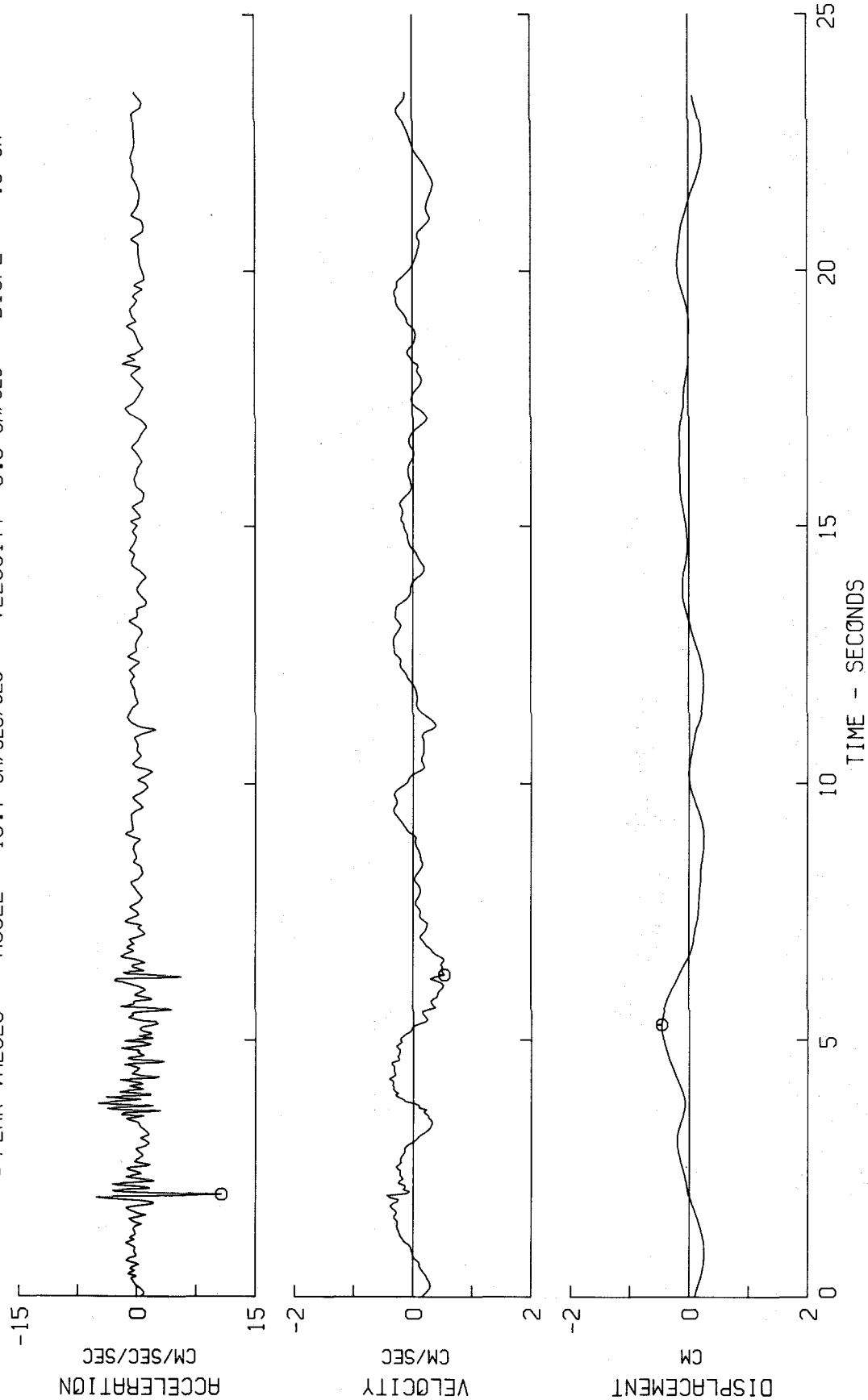
IMPERIAL VALLEY EQ. AFTERSHOCK MAY 18, 1940 - 2037 PST +282.5 SEC.

IIT284 40.001.8 EL CENTRO, IMPERIAL VALLEY IRRIGATION DISTRICT COMP EAST

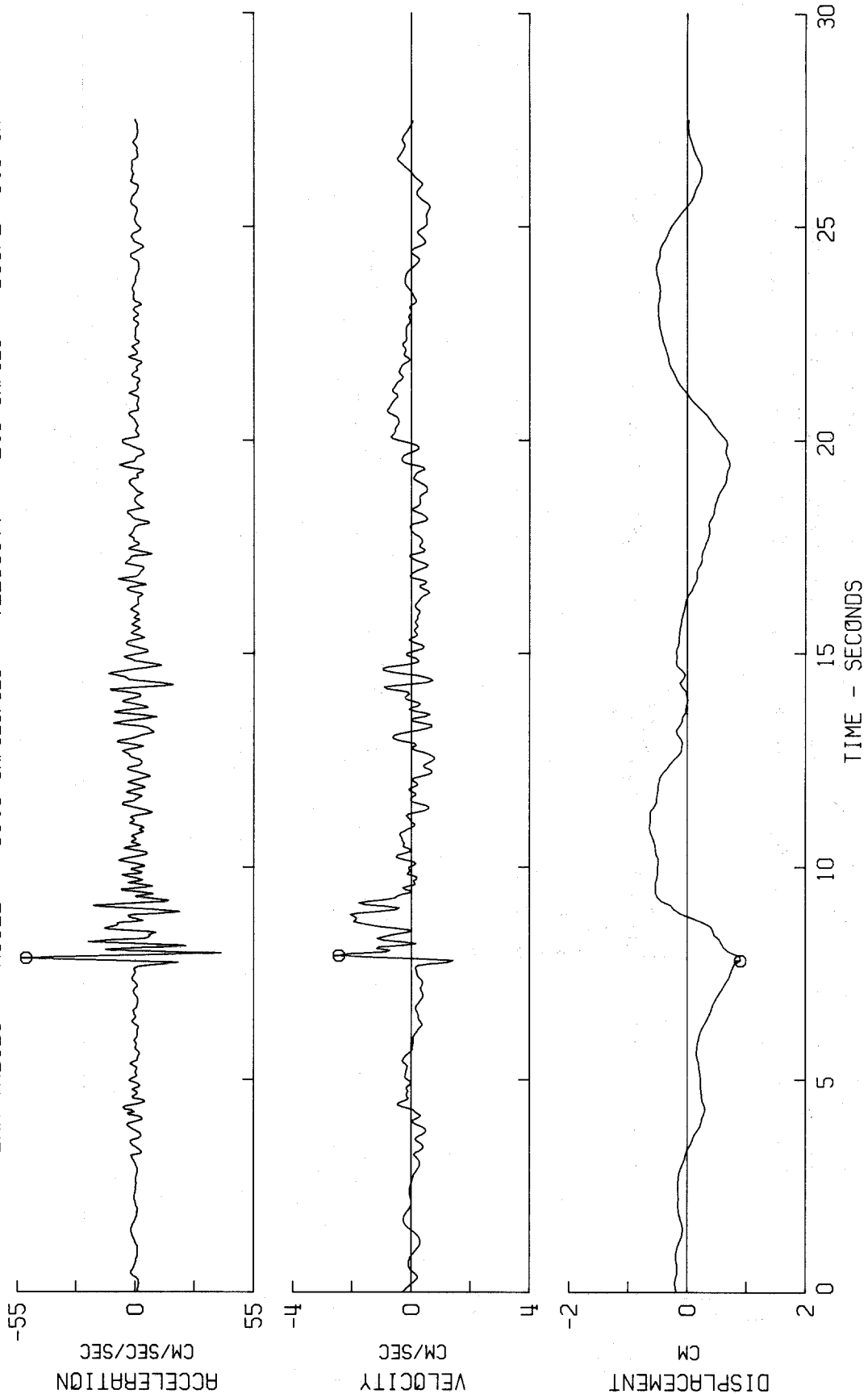
⊙ PEAK VALUES : ACCEL = -16.1 CM/SEC/SEC VELOCITY = 1.6 CM/SEC DISPL = -1.3 CM



IMPERIAL VALLEY EQ. AFTERSHOCK MAY 18, 1940 - 2037 PST +282.5 SEC.
 IIT284 40.001.8 EL CENTRO, IMPERIAL VALLEY IRRIGATION DISTRICT COMP UP
 ○ PEAK VALUES : ACCEL = 10.7 CM/SEC/SEC VELOCITY = 0.5 CM/SEC DISPL = -.5 CM



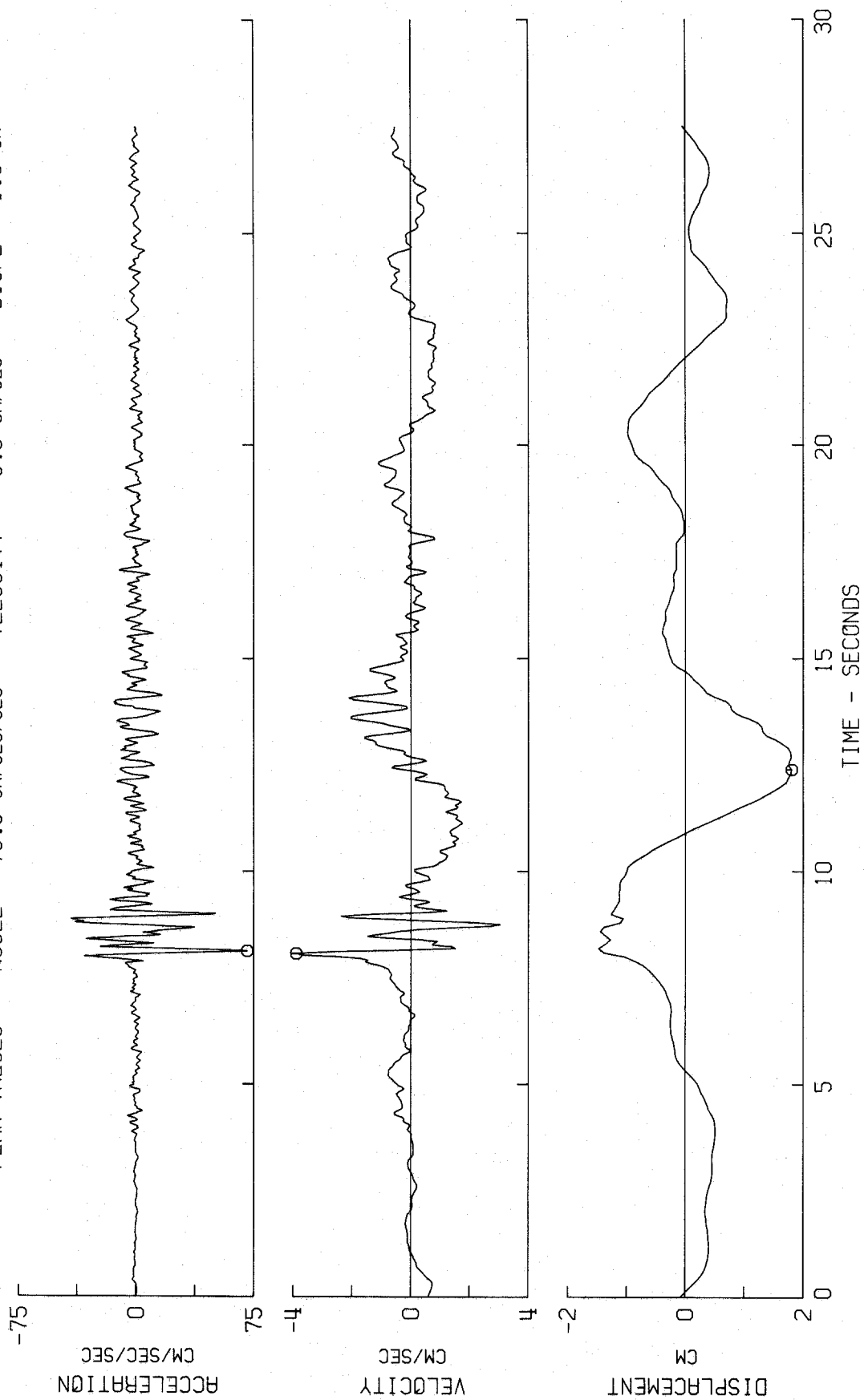
IMPERIAL VALLEY EQ. AFTERSHOCK MAY 18, 1940 - 2037 PST +313.0 SEC.
IIT285 40.001.9 EL CENTRO, IMPERIAL VALLEY IRRIGATION DISTRICT COMP NORTH
PEAK VALUES : ACCEL = -51.0 CM/SEC/SEC VELOCITY = -2.5 CM/SEC DISPL = 0.9 CM



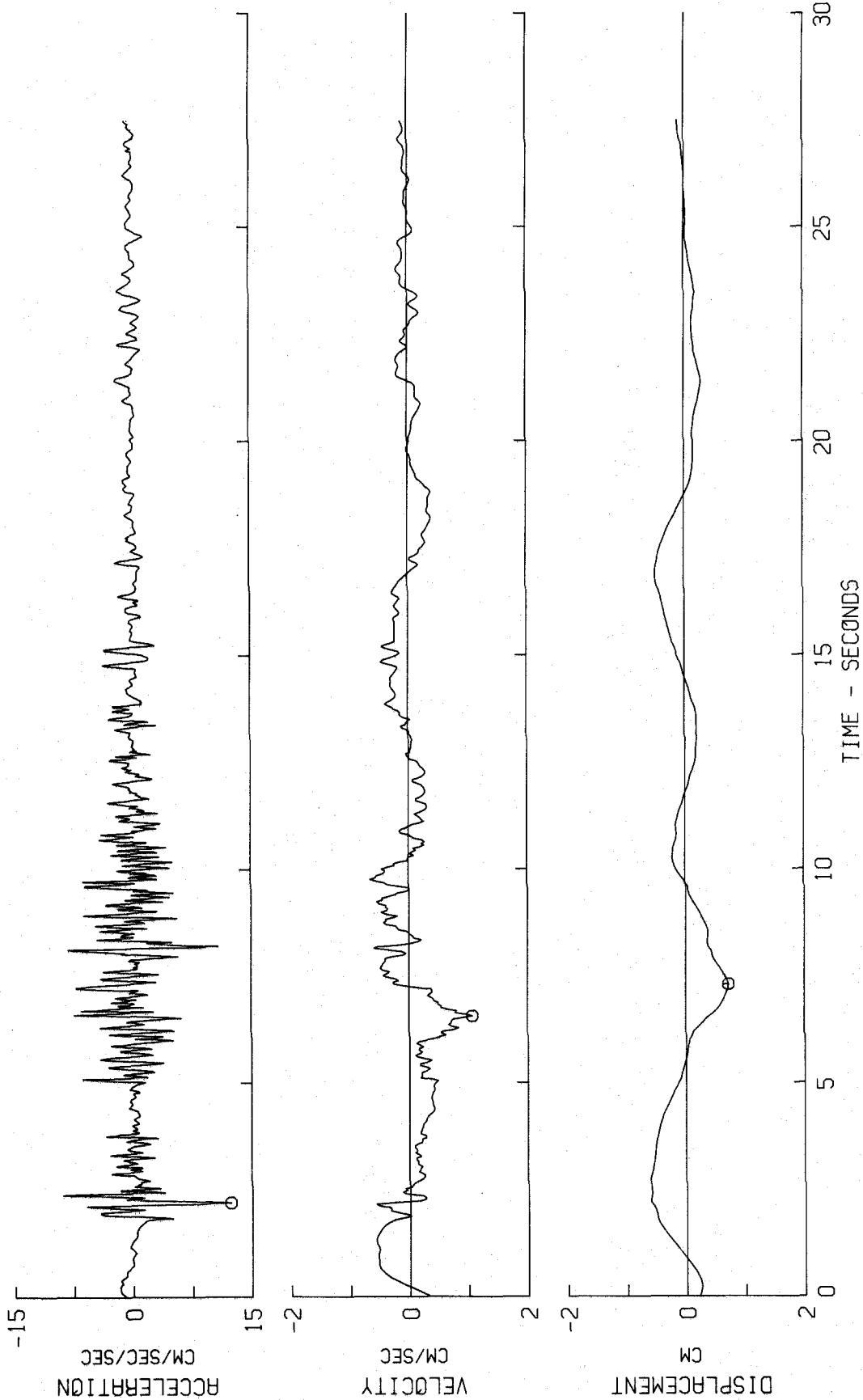
IMPERIAL VALLEY EQ. AFTERSHOCK MAY 18, 1940 - 2037 PST +313.0 SEC.

II1285 40.001.9 EL CENTRO, IMPERIAL VALLEY IRRIGATION DISTRICT COMP EAST

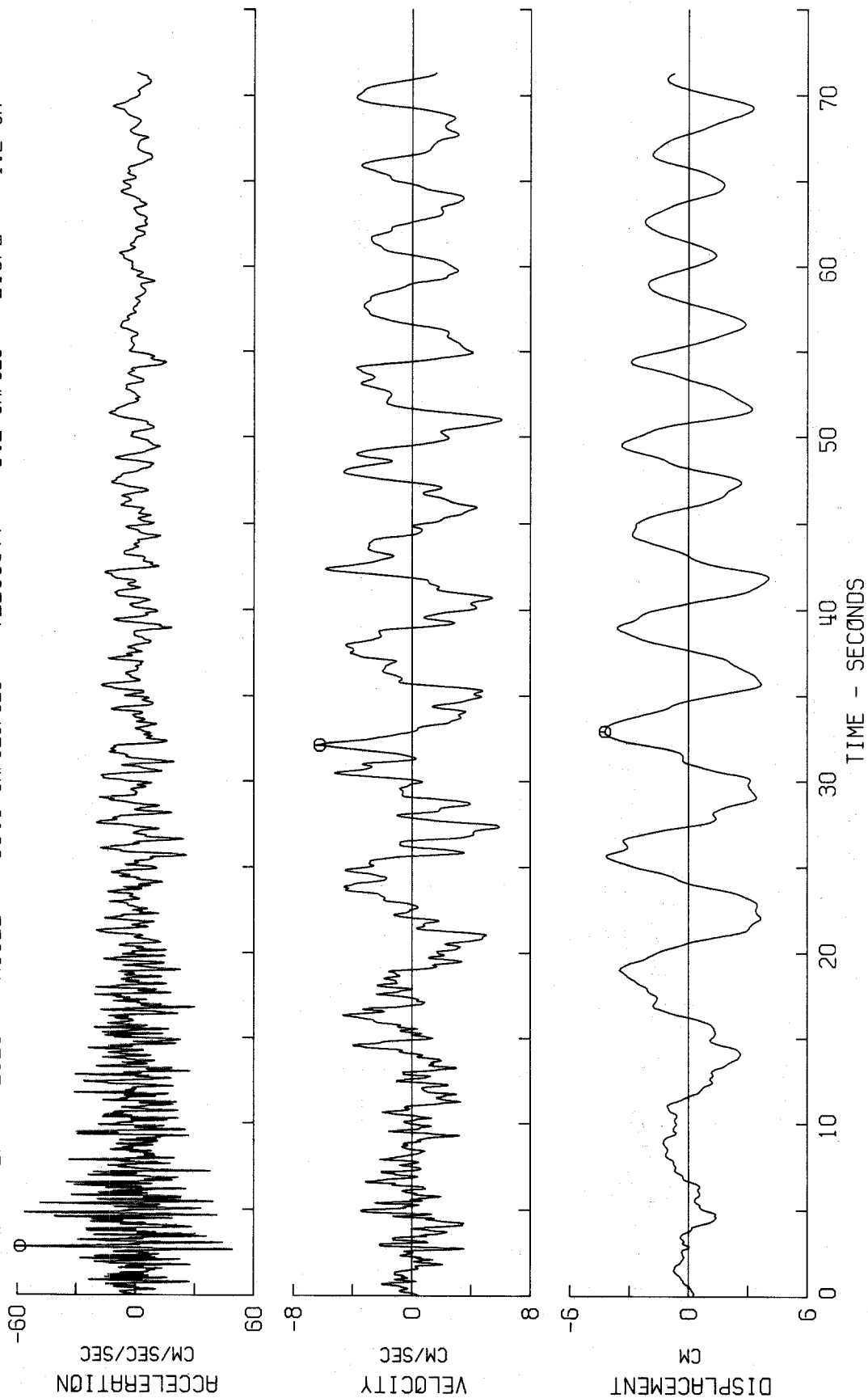
⊙ PEAK VALUES : ACCEL = 70.9 CM/SEC/SEC VELOCITY = -3.9 CM/SEC DISPL = 1.8 CM



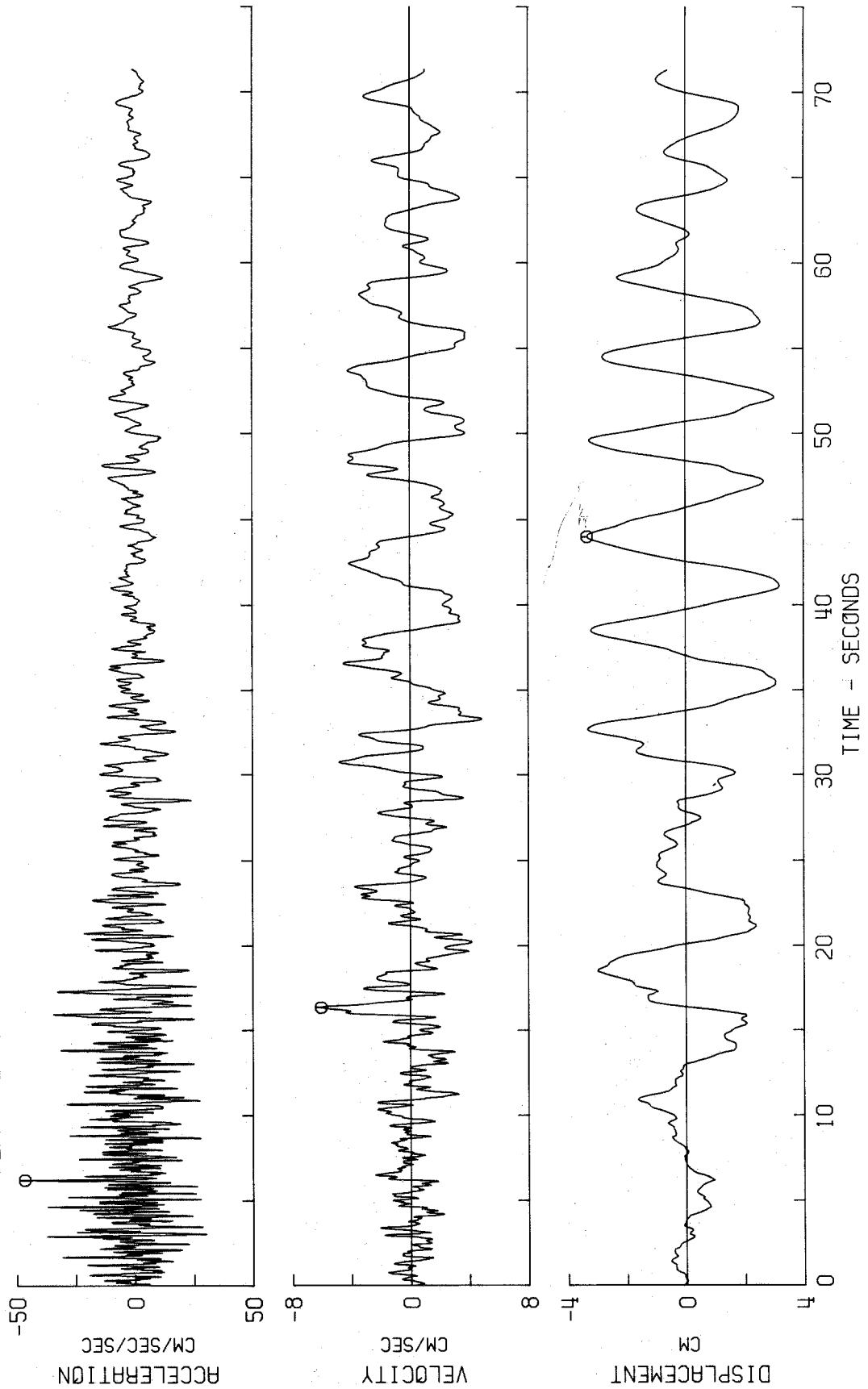
IMPERIAL VALLEY EQ. AFTERSHOCK MAY 18, 1940 - 2037 PST +313.0 SEC.
IIT285 40.001.9 EL CENTRO, IMPERIAL VALLEY IRRIGATION DISTRICT COMP UP
Ø PEAK VALUES : ACCEL = 12.3 CM/SEC/SEC VELOCITY = 1.1 CM/SEC DISPL = 0.7 CM



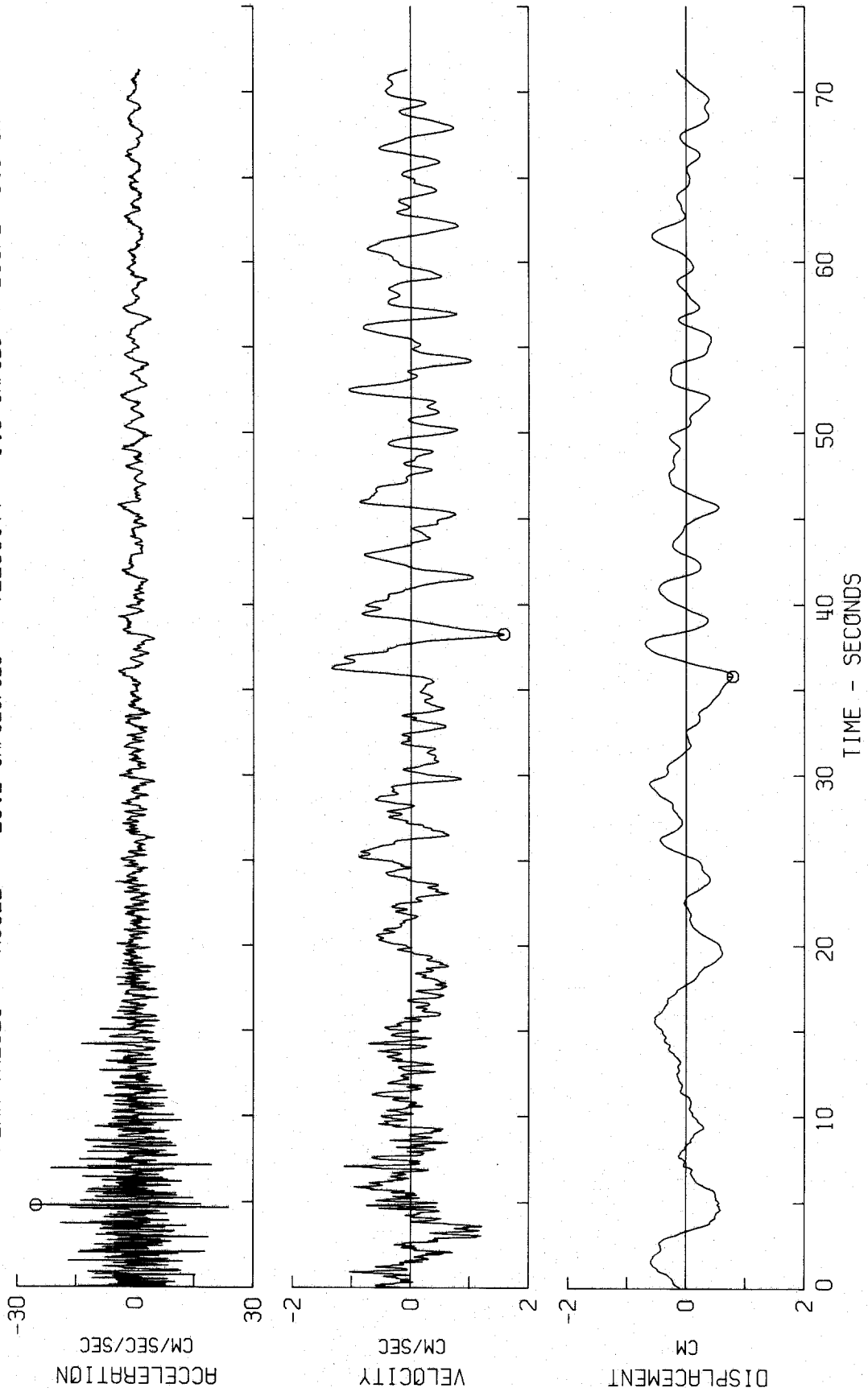
BORREGO VALLEY EARTHQUAKE OCT 21, 1942 - 0822 PST
IIT286 42.001.0 EL CENTRO, IMPERIAL VALLEY IRRIGATION DISTRICT COMP NORTH
PEAK VALUES : ACCEL = -58.5 CM/SEC/SEC VELOCITY = -6.2 CM/SEC DISPL = -4.2 CM



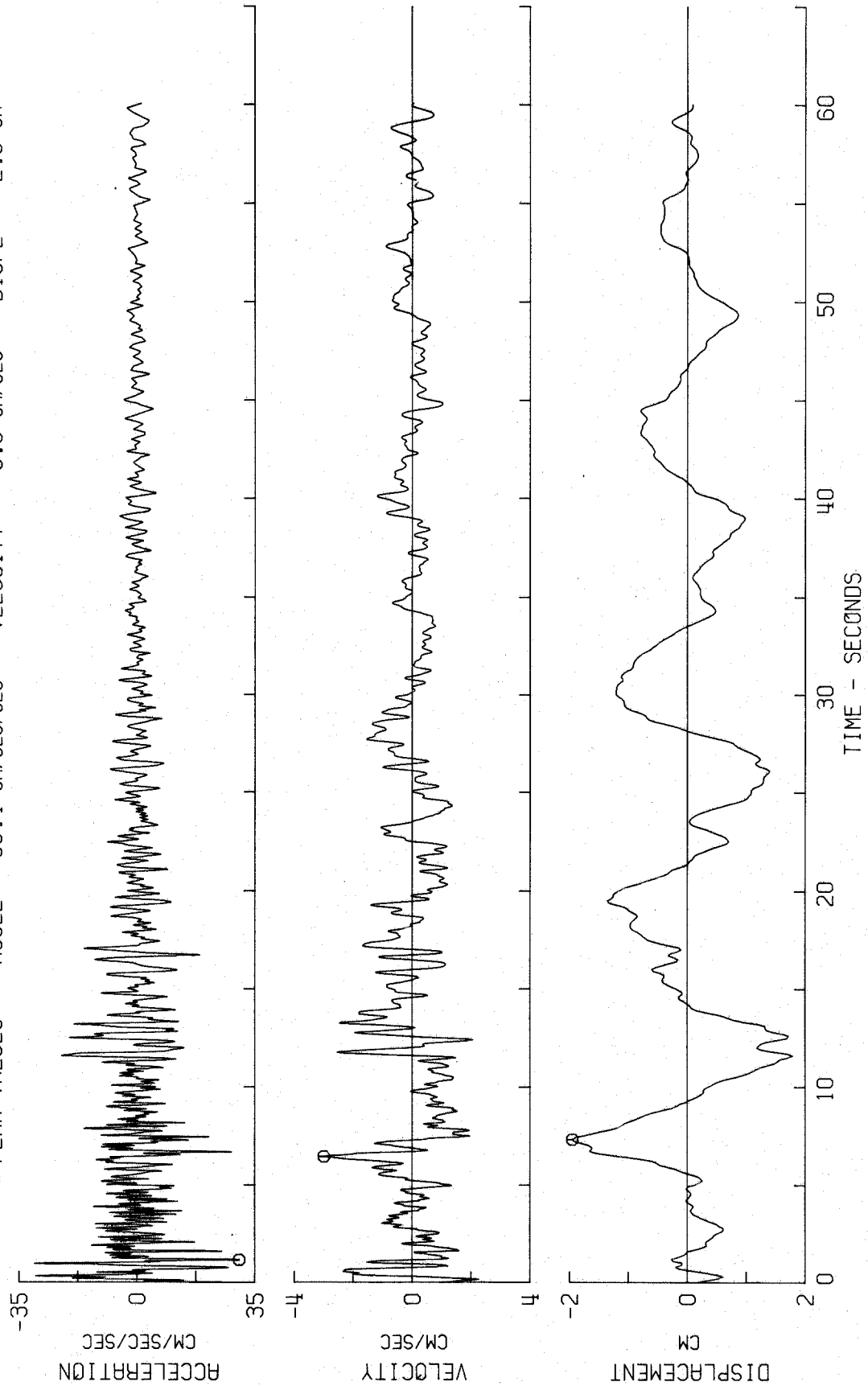
BORREGO VALLEY EARTHQUAKE OCT 21, 1942 - 0822 PST
IIT286 42.001.0 EL CENTRO, IMPERIAL VALLEY IRRIGATION DISTRICT COMP EAST
PEAK VALUES : ACCEL = -46.5 CM/SEC/SEC VELOCITY = -6.1 CM/SEC DISPL = -3.3 CM



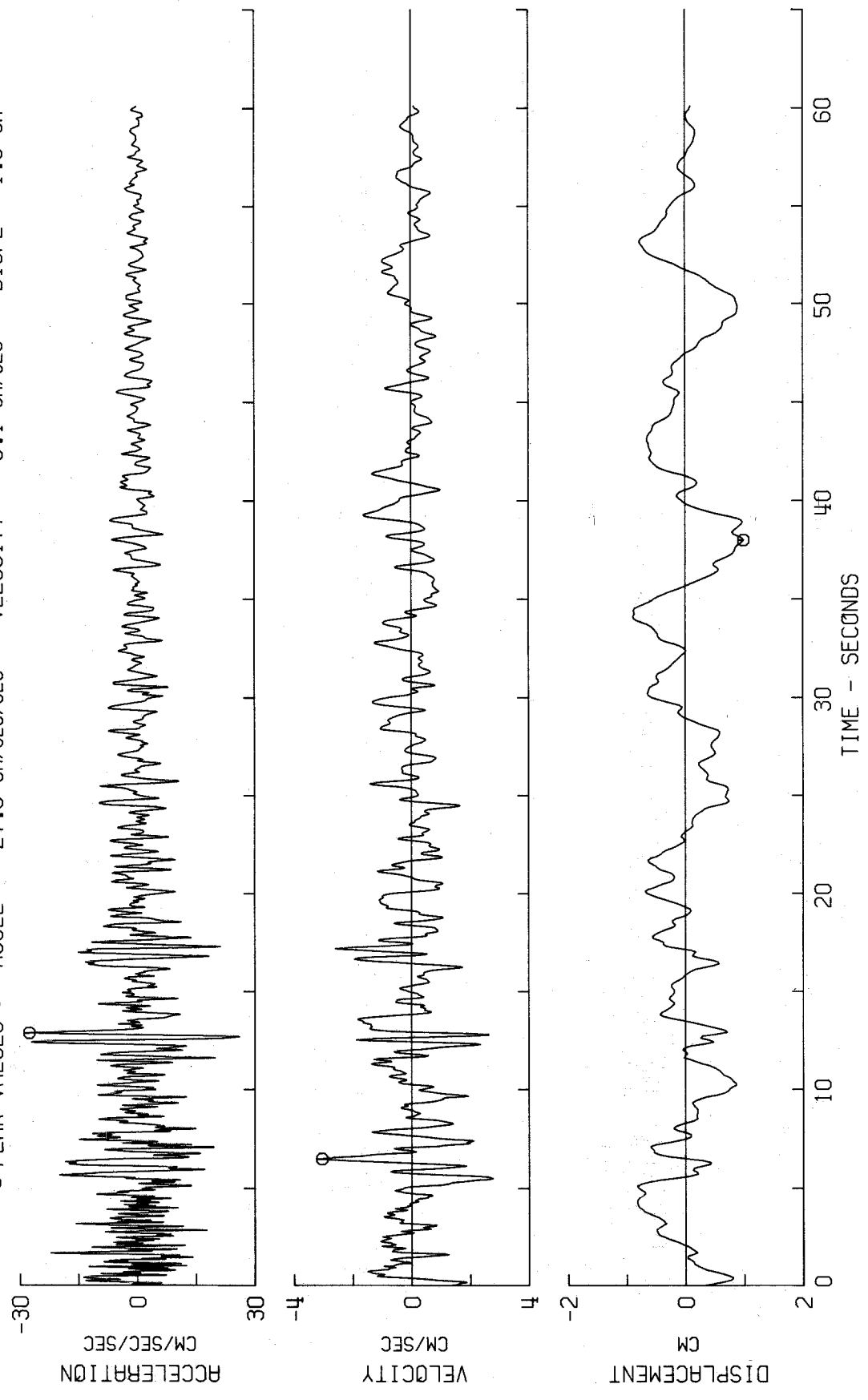
BORREGO VALLEY EARTHQUAKE OCT 21, 1942 - 0822 PST
IIT286 42.001.0 EL CENTRO, IMPERIAL VALLEY IRRIGATION DISTRICT COMP UP
PEAK VALUES : ACCEL = -25.2 CM/SEC/SEC VELOCITY = 1.6 CM/SEC DISPL = 0.8 CM



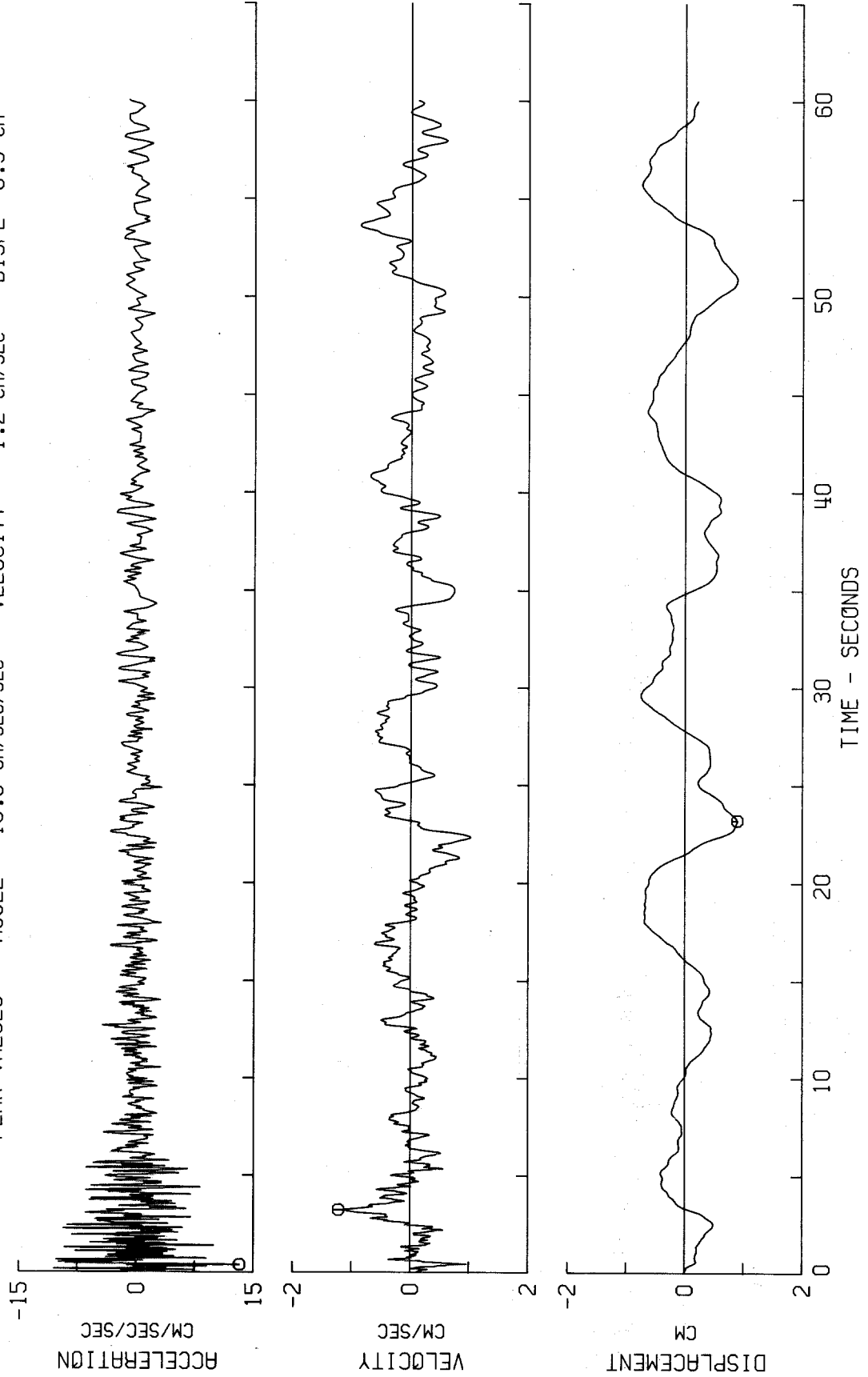
IMPERIAL VALLEY EARTHQUAKE JAN 23, 1951 - 2317 PST
IIT287 51.002.0 EL CENTRO, IMPERIAL VALLEY IRRIGATION DISTRICT COMP NORTH
O PEAK VALUES : ACCEL = 30.4 CM/SEC/SEC VELOCITY = -3.0 CM/SEC DISPL = -2.0 CM



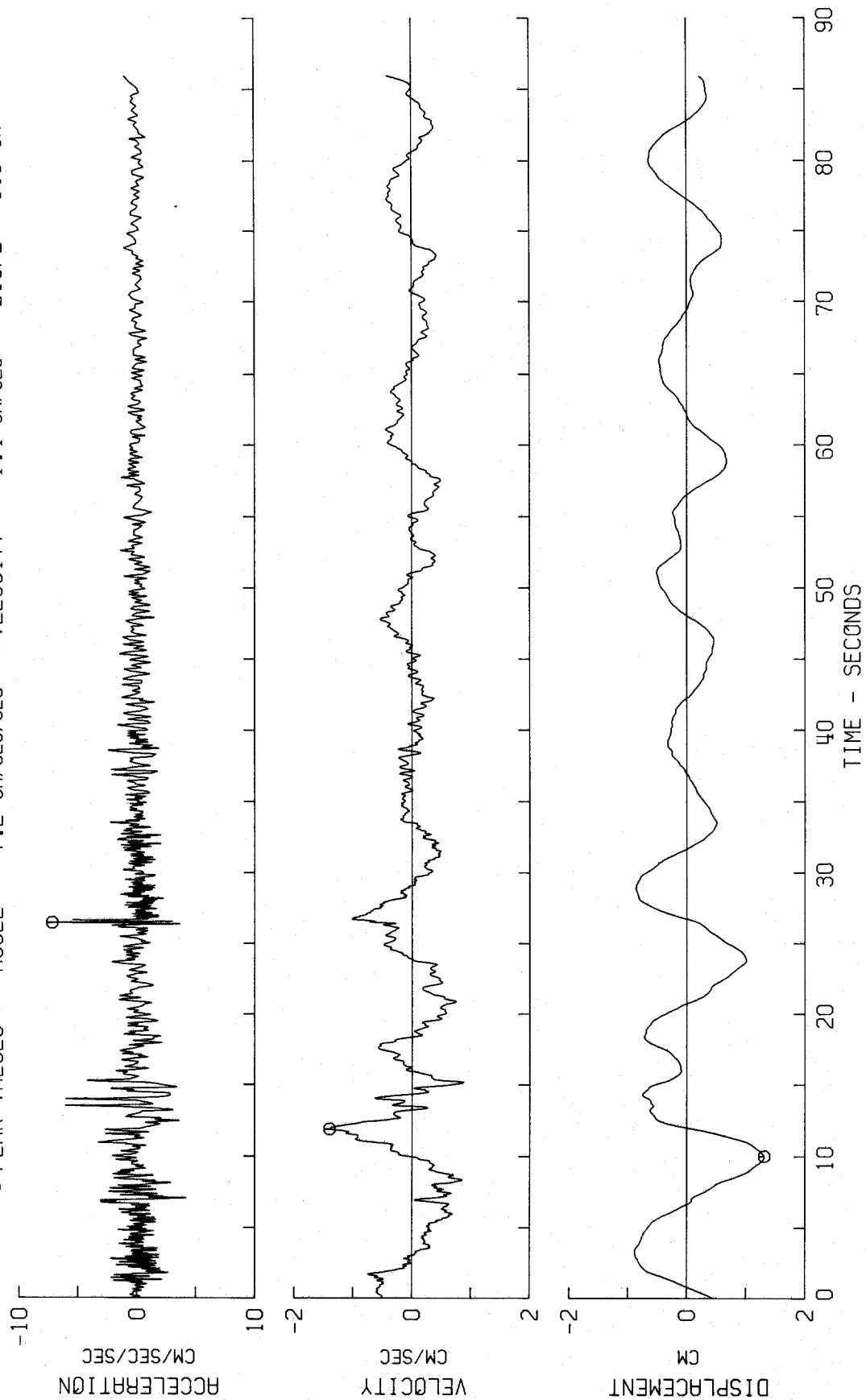
IMPERIAL VALLEY EARTHQUAKE JAN 23, 1951 - 2317 PST
IIT287 51.002.0 EL CENTRO, IMPERIAL VALLEY IRRIGATION DISTRICT COMP EAST
PEAK VALUES : ACCEL = -27.6 CM/SEC/SEC VELOCITY = -3.1 CM/SEC DISPL = 1.0 CM



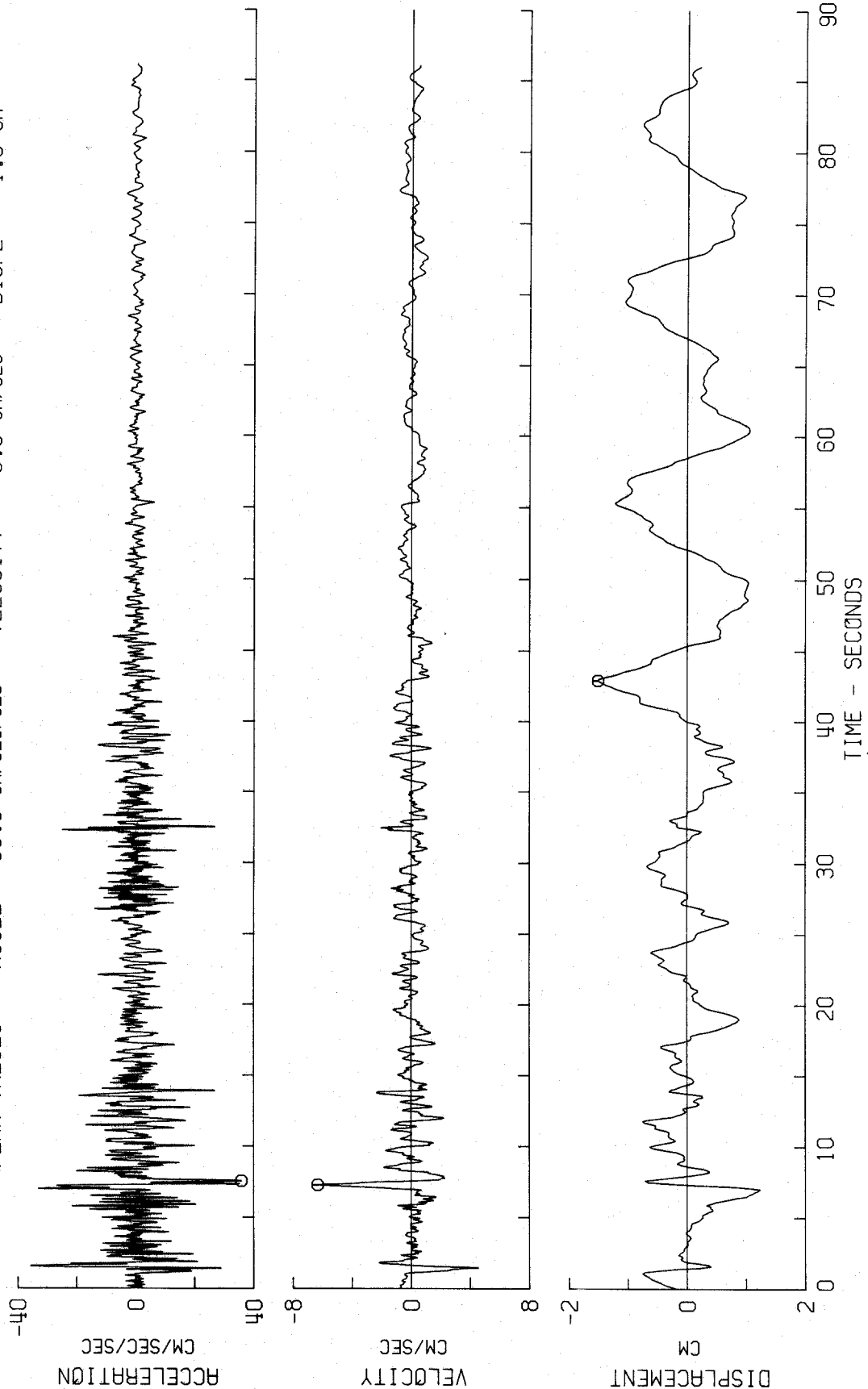
IMPERIAL VALLEY EARTHQUAKE JAN 23, 1951 - 2317 PST
IIT287 51.002.0 EL CENTRO, IMPERIAL VALLEY IRRIGATION DISTRICT COMP UP
⊙ PEAK VALUES : ACCEL = 13.3 CM/SEC/SEC VELOCITY = -1.2 CM/SEC DISPL = 0.9 CM



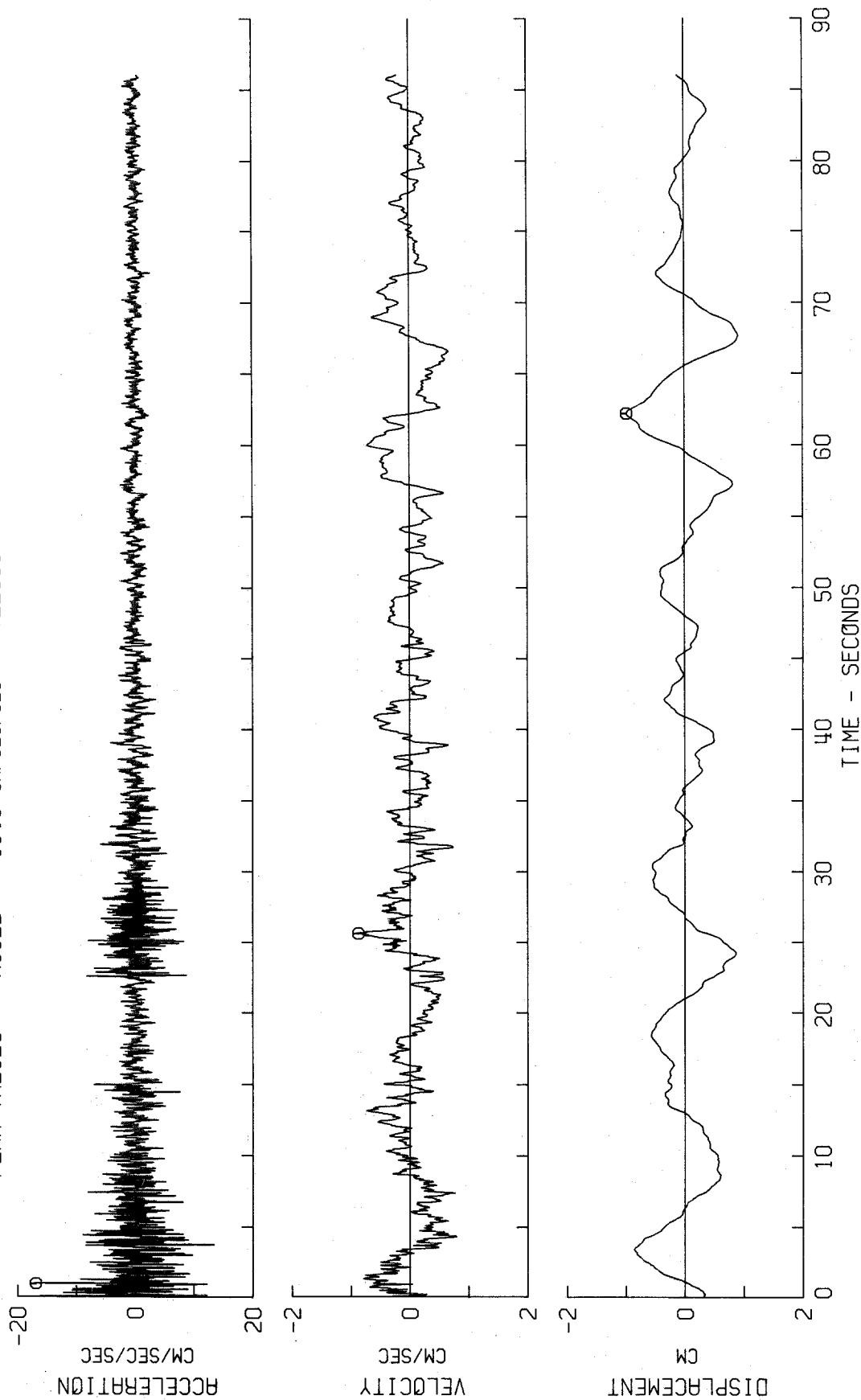
IMPERIAL VALLEY EARTHQUAKE JUN 13, 1953 - 2017 PST
IIT288 53.001.0 EL CENTRO, IMPERIAL VALLEY IRRIGATION DISTRICT COMP NORTH
PEAK VALUES : ACCEL = -7.2 CM/SEC/SEC VELOCITY = -1.4 CM/SEC DISPL = 1.3 CM



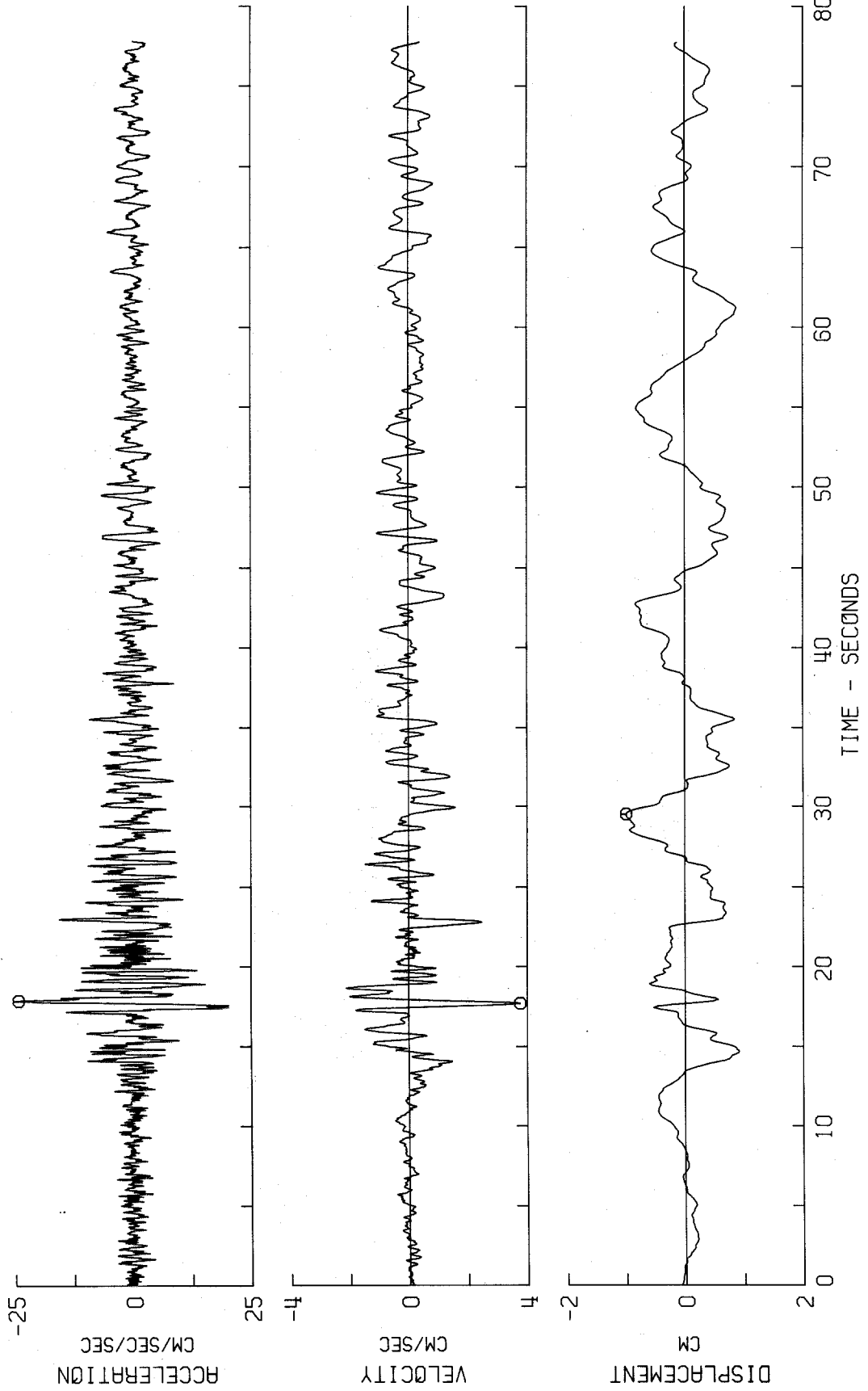
IMPERIAL VALLEY EARTHQUAKE JUN 13, 1953 - 2017 PST
IIT288 53.001.0 EL CENTRO, IMPERIAL VALLEY IRRIGATION DISTRICT COMP EAST
○ PEAK VALUES : ACCEL = 35.8 CM/SEC/SEC VELOCITY = -6.3 CM/SEC DISPL = -1.5 CM



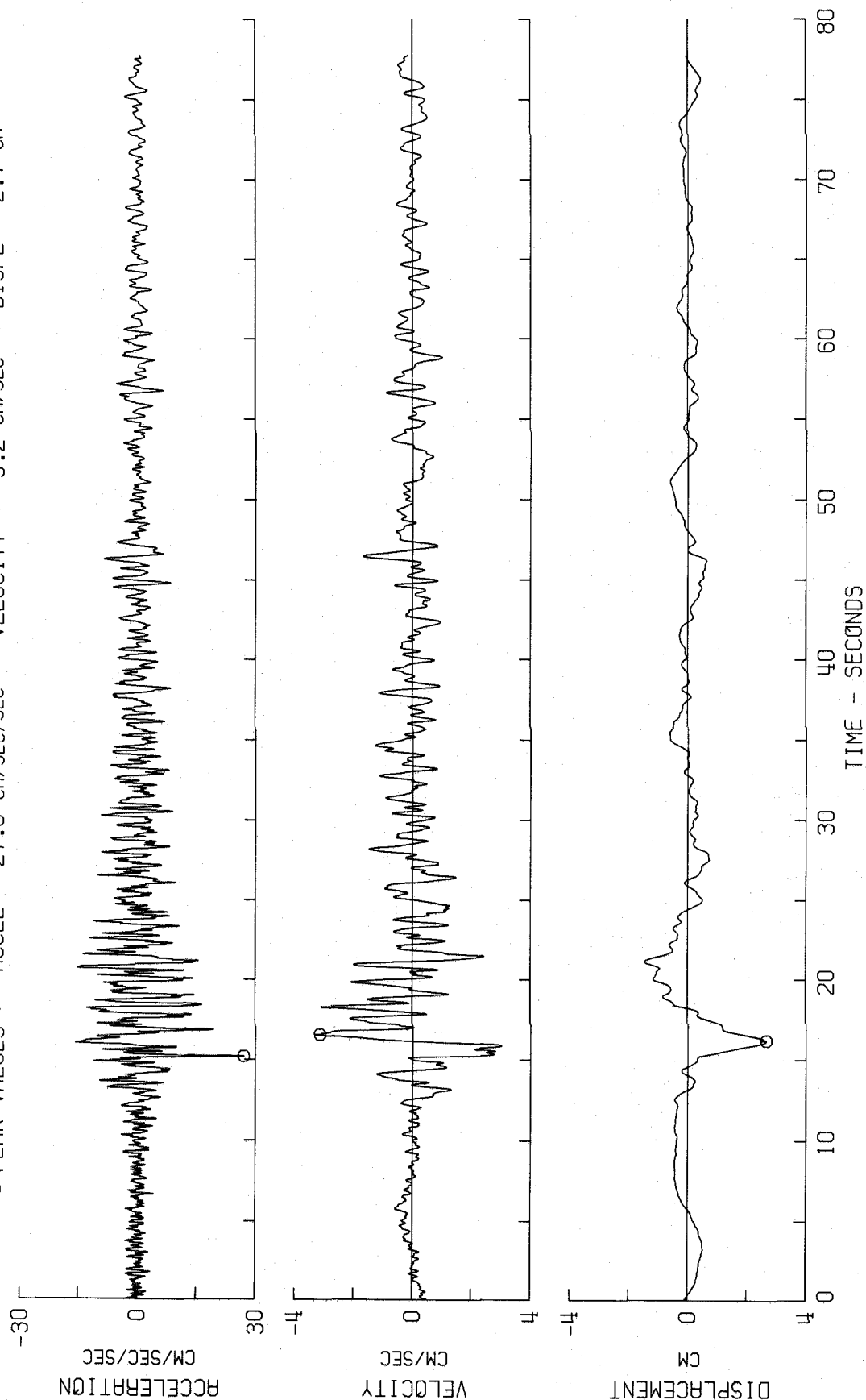
IMPERIAL VALLEY EARTHQUAKE JUN 13, 1953 - 2017 PST
 IIT288 53.001.0 EL CENTRO, IMPERIAL VALLEY IRRIGATION DISTRICT COMP UP
 PEAK VALUES : ACCEL = -16.9 CM/SEC/SEC VELOCITY = -9 CM/SEC DISPL = -1.0 CM



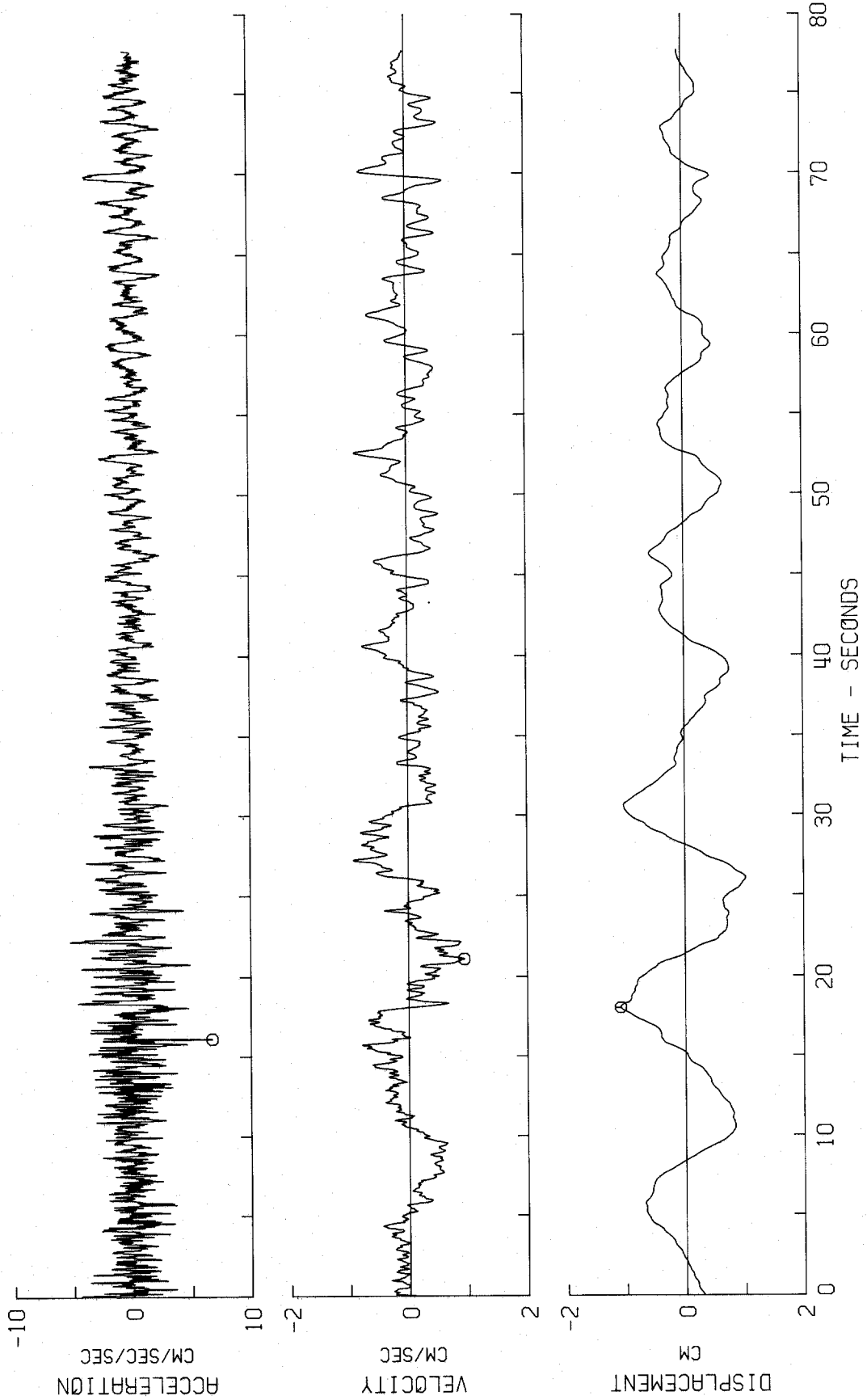
LOWER CALIFORNIA EARTHQUAKE NOV 12, 1954 - 0427 PST
11T289 54.005.0 EL CENTRO, IMPERIAL VALLEY IRRIGATION DISTRICT COMP NORTH
⊙ PEAK VALUES : ACCEL = -24.2 CM/SEC/SEC VELOCITY = 3.8 CM/SEC DISPL = -1.0 CM



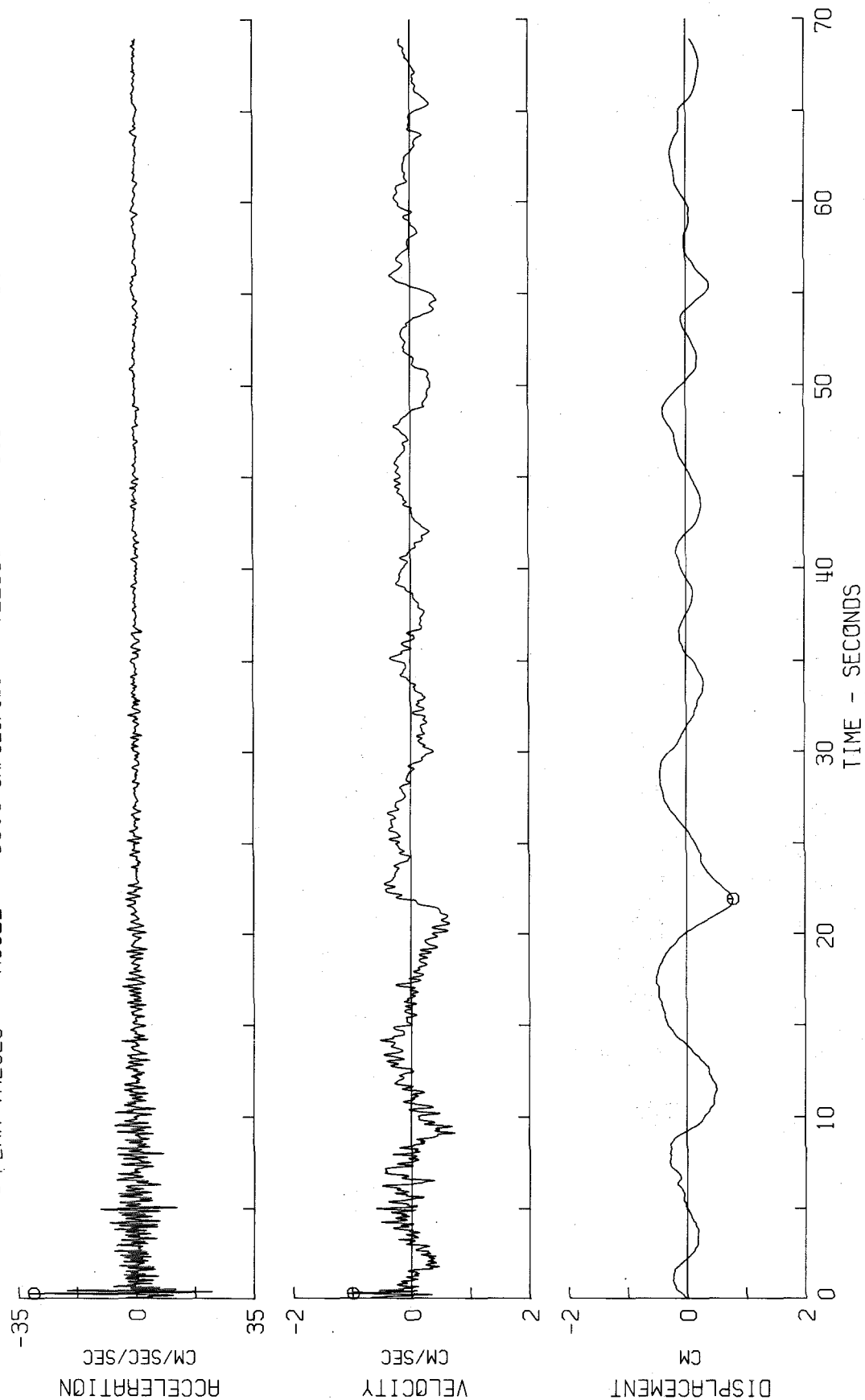
LOWER CALIFORNIA EARTHQUAKE NOV 12, 1954 - 0427 PST
 111289 54.005.0 EL CENTRO, IMPERIAL VALLEY IRRIGATION DISTRICT COMP EAST
 PEAK VALUES : ACCEL = 27.0 CM/SEC/SEC VELOCITY = -3.2 CM/SEC DISPL = 2.7 CM



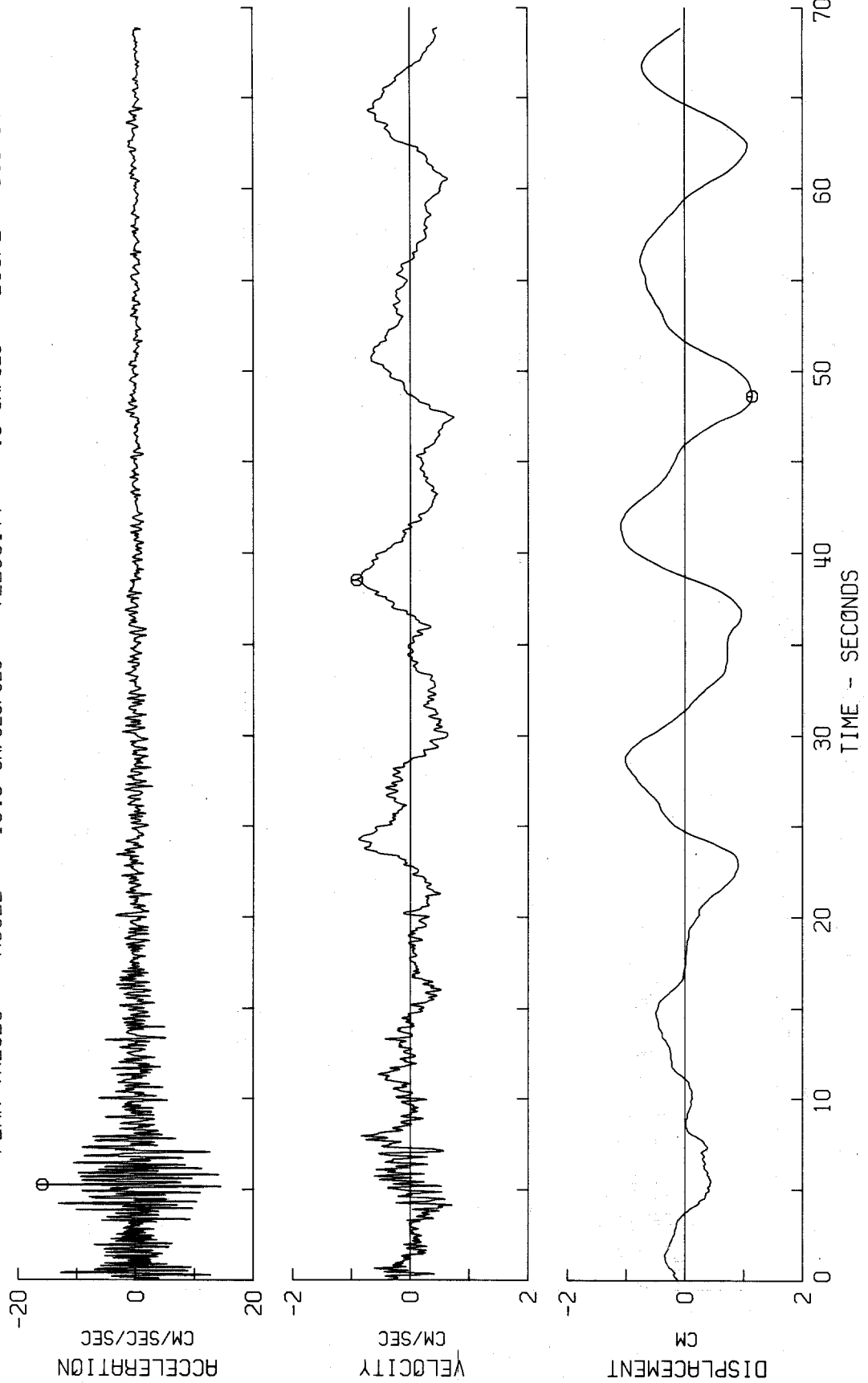
LOWER CALIFORNIA EARTHQUAKE NOV 12, 1954 - 0427 PST
IIT289 54.005.0 EL CENTRO, IMPERIAL VALLEY IRRIGATION DISTRICT COMP UP
⊙ PEAK VALUES : ACCEL = 6.7 CM/SEC/SEC VELOCITY = 0.9 CM/SEC DISPL = -1.1 CM



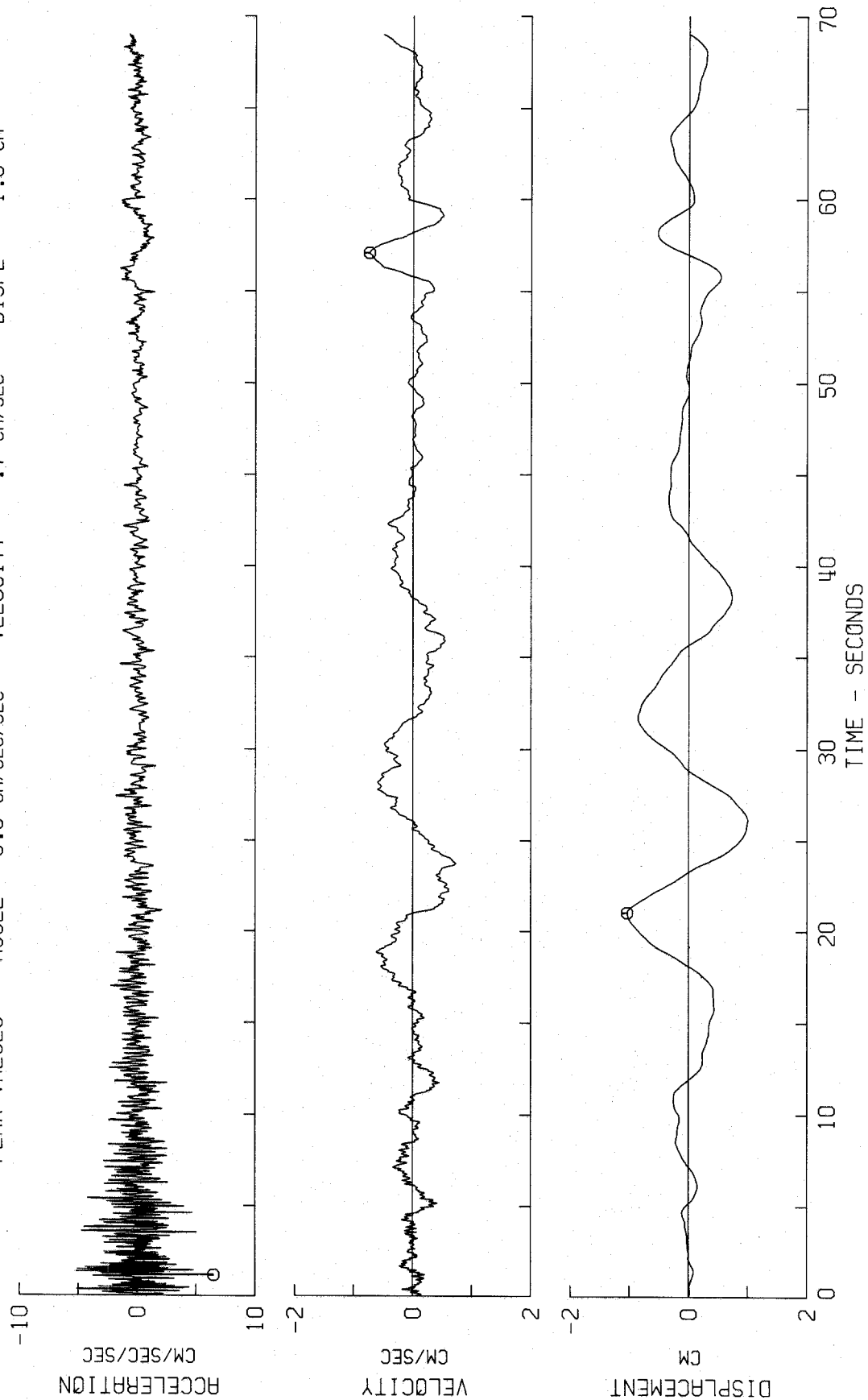
IMPERIAL COUNTY FORESHOCK DEC 16, 1955 - 2117 PST
 IIT290 55.003.0 EL CENTRO, IMPERIAL VALLEY IRRIGATION DISTRICT COMP NORTH
 @ PEAK VALUES : ACCEL = -30.4 CM/SEC/SEC VELOCITY = -1.0 CM/SEC DISPL = 0.8 CM



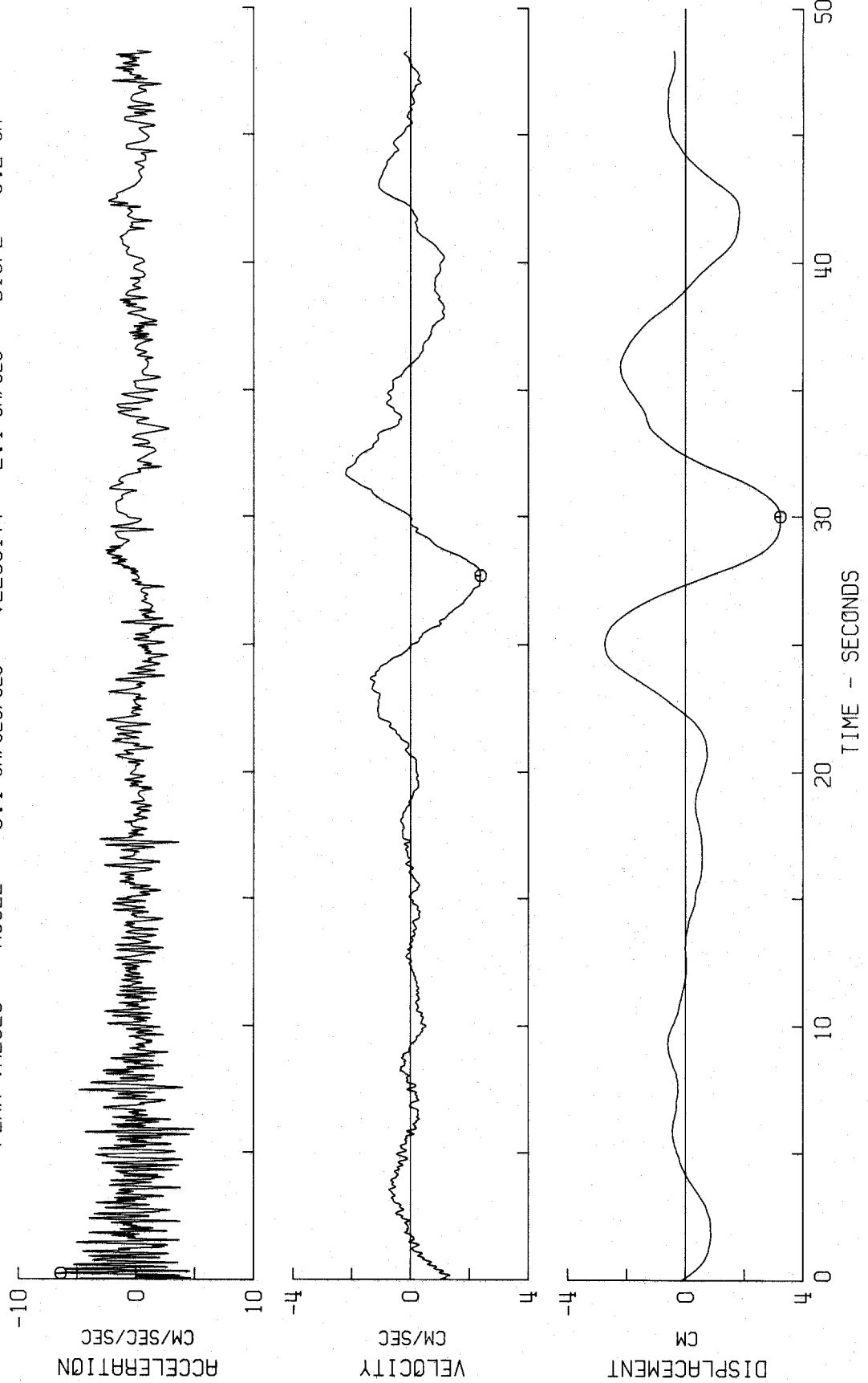
IMPERIAL COUNTY FORESHOCK DEC 16, 1955 - 2117 PST
IIT290 55.003. 0 EL CENTRO, IMPERIAL VALLEY IRRIGATION DISTRICT COMP EAST
⊙ PEAK VALUES : ACCEL = -15.9 CM/SEC/SEC VELOCITY = -.9 CM/SEC DISPL = 1.1 CM



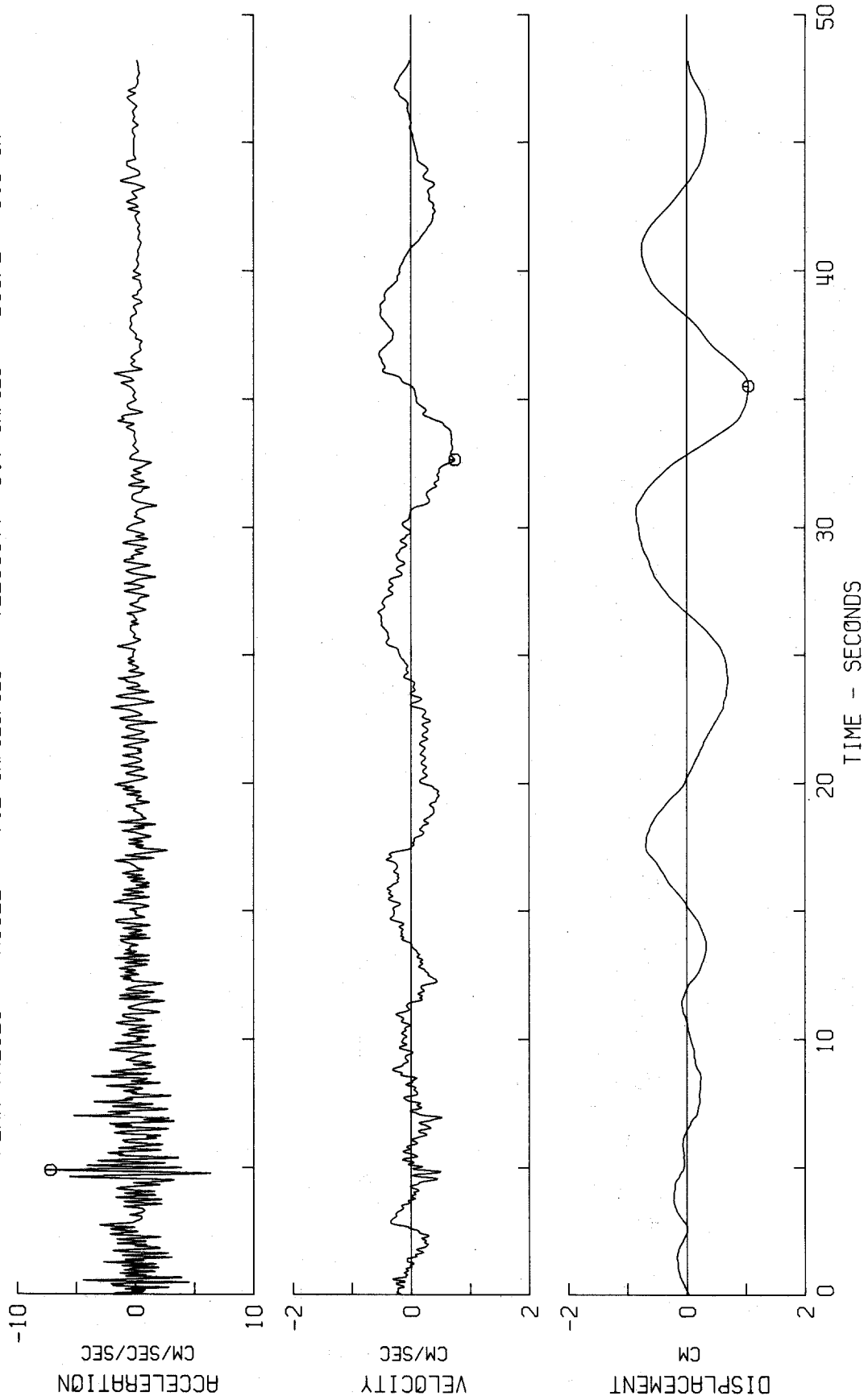
IMPERIAL COUNTY FORESHOCK DEC 16, 1955 - 2117 PST
 IIT290 55.003.0 EL CENTRO, IMPERIAL VALLEY IRRIGATION DISTRICT COMP UP
 @ PEAK VALUES : ACCEL = 6.5 CM/SEC/SEC VELOCITY = -.7 CM/SEC DISPL = -1.0 CM



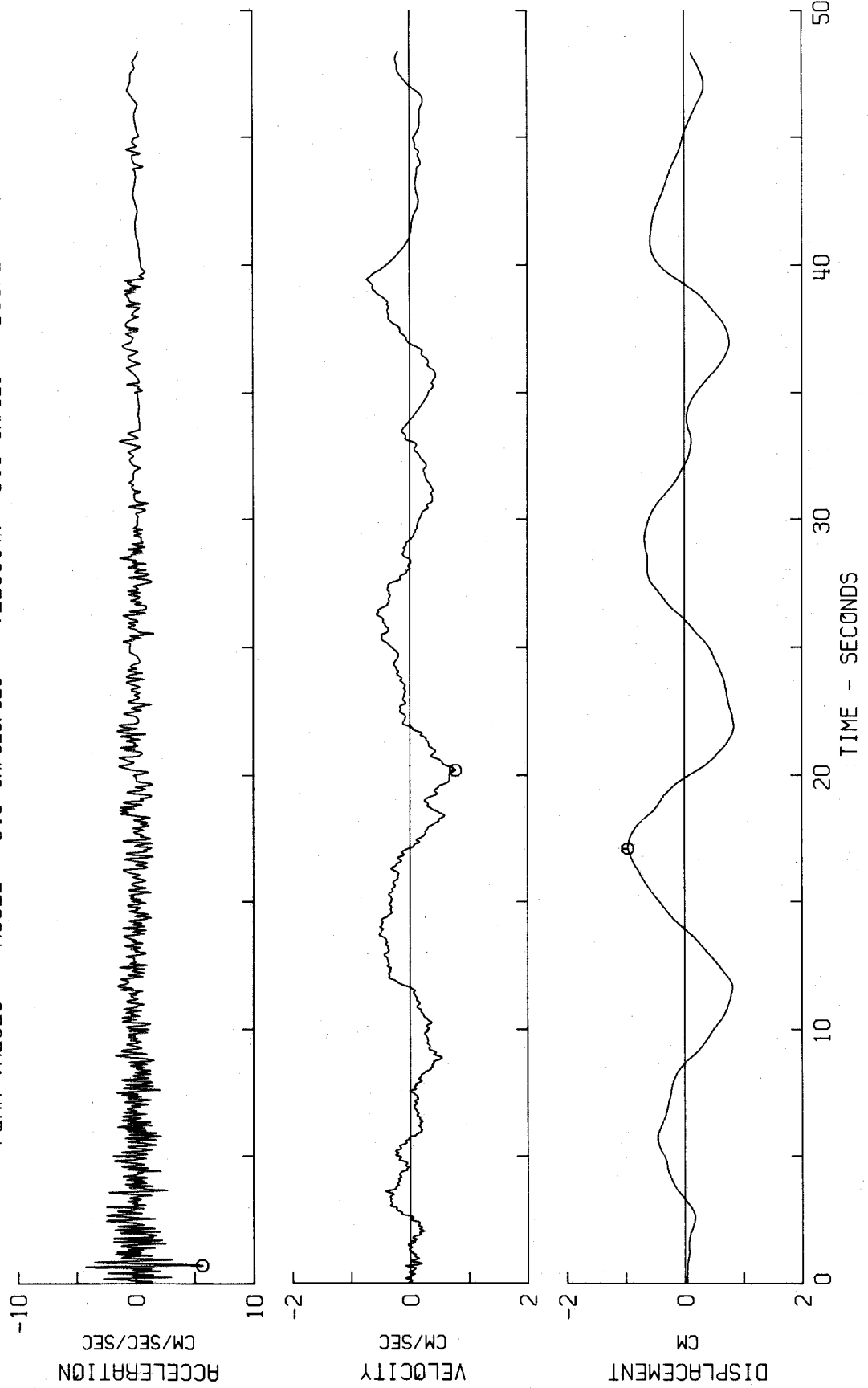
IMPERIAL COUNTY FÖRESHÖCK DEC 16, 1955 - 2141 PST
111291 55.004.0 EL CENTRO, IMPERIAL VALLEY IRRIGATION DISTRICT COMP NORTH
Ø PEAK VALUES : ACCEL = -6.4 CM/SEC/SEC VELOCITY = 2.4 CM/SEC DISPL = 3.2 CM



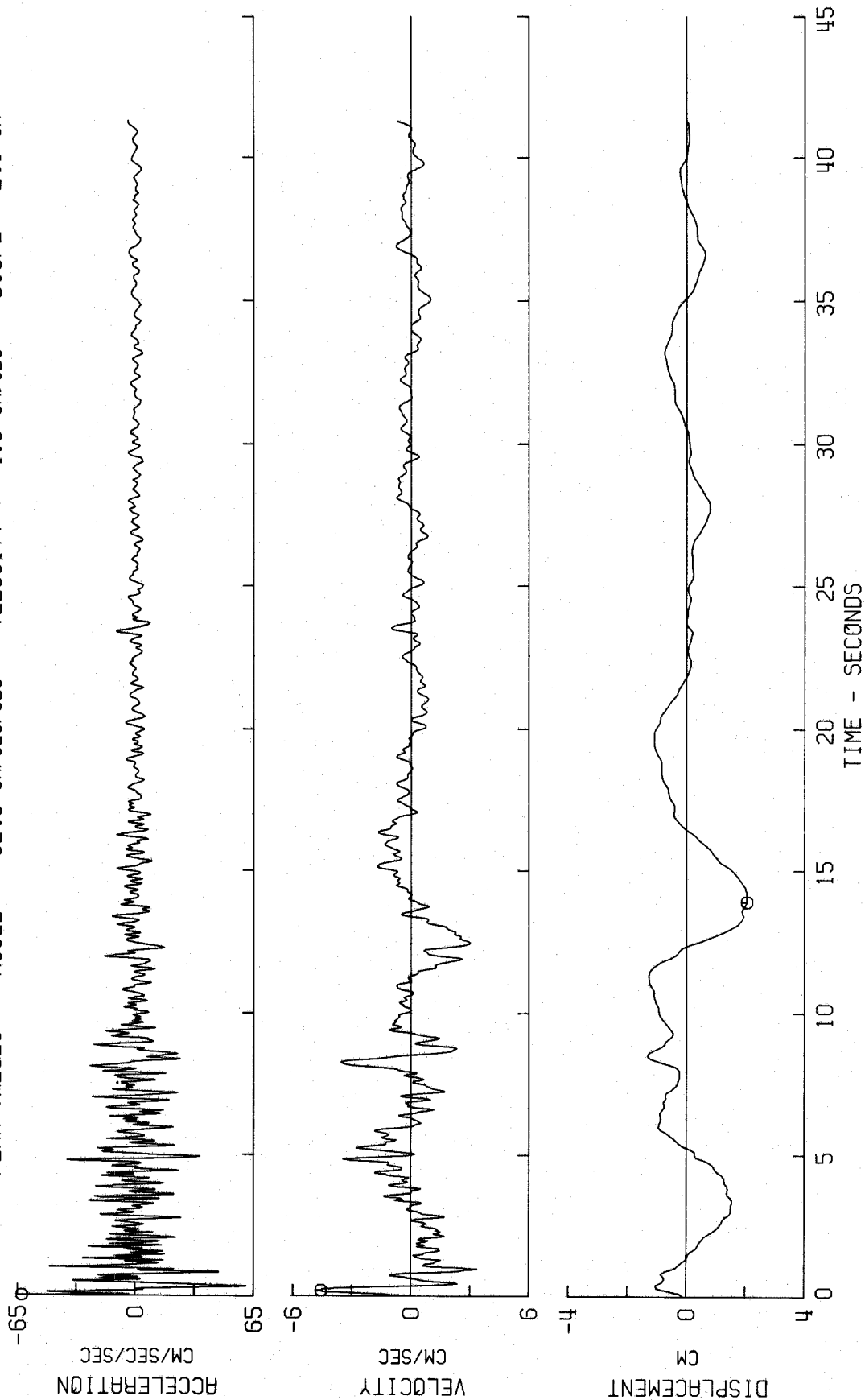
IMPERIAL COUNTY FÖRESHÖCK DEC 16, 1955 - 2141 PST
JIT291 55.004.0 EL CENTRO, IMPERIAL VALLEY IRRIGATION DISTRICT COMP EAST
Ø PEAK VALUES : ACCEL = -7.2 CM/SEC/SEC VELOCITY = 0.7 CM/SEC DISPL = 1.0 CM



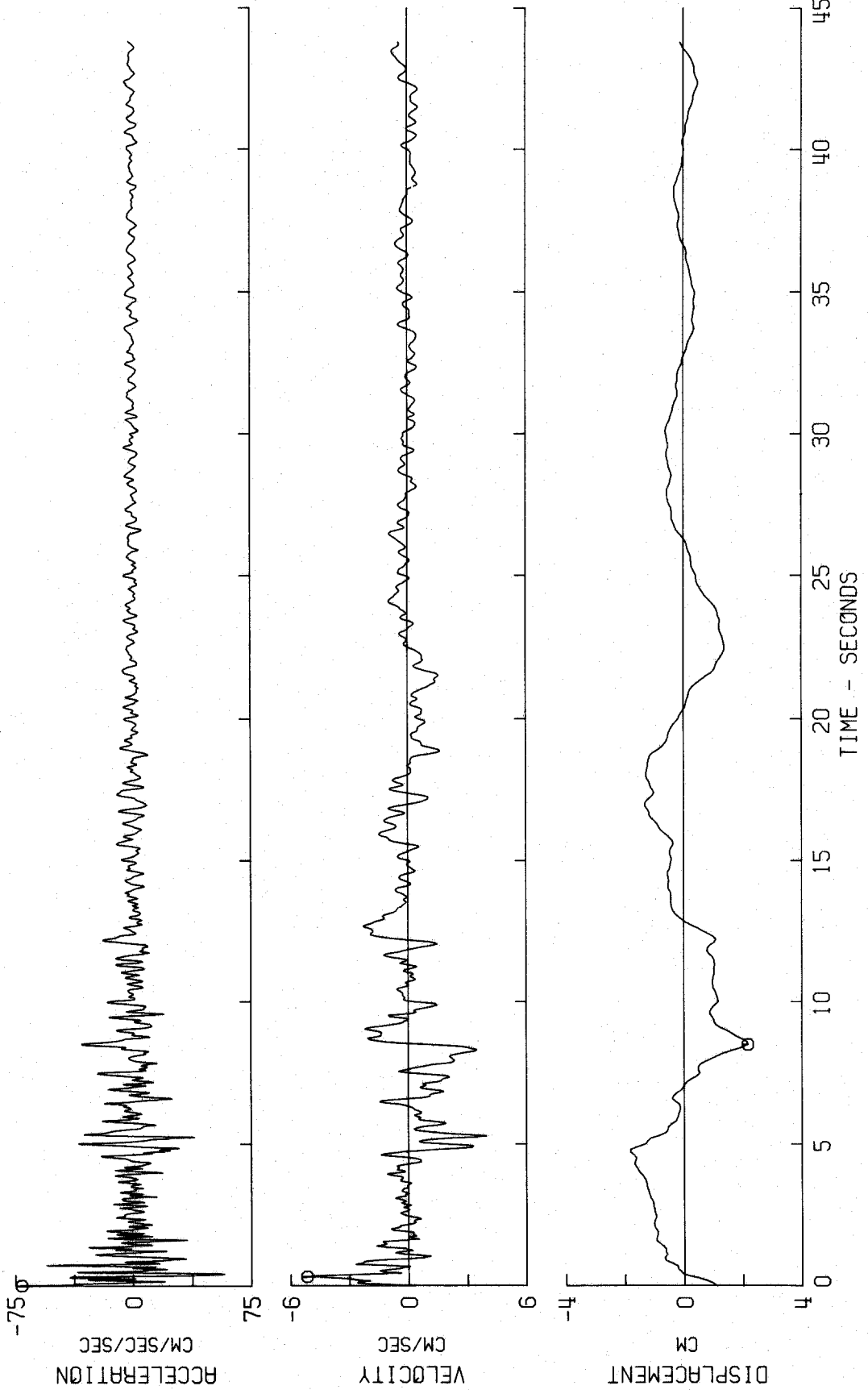
IMPERIAL COUNTY FORESHOCK DEC 16, 1955 - 2141 PST
IIT291 55.004.0 EL CENTRO, IMPERIAL VALLEY IRRIGATION DISTRICT COMP UP
Ø PEAK VALUES : ACCEL = 5.6 CM/SEC/SEC VELOCITY = 0.8 CM/SEC DISPL = -1.0 CM



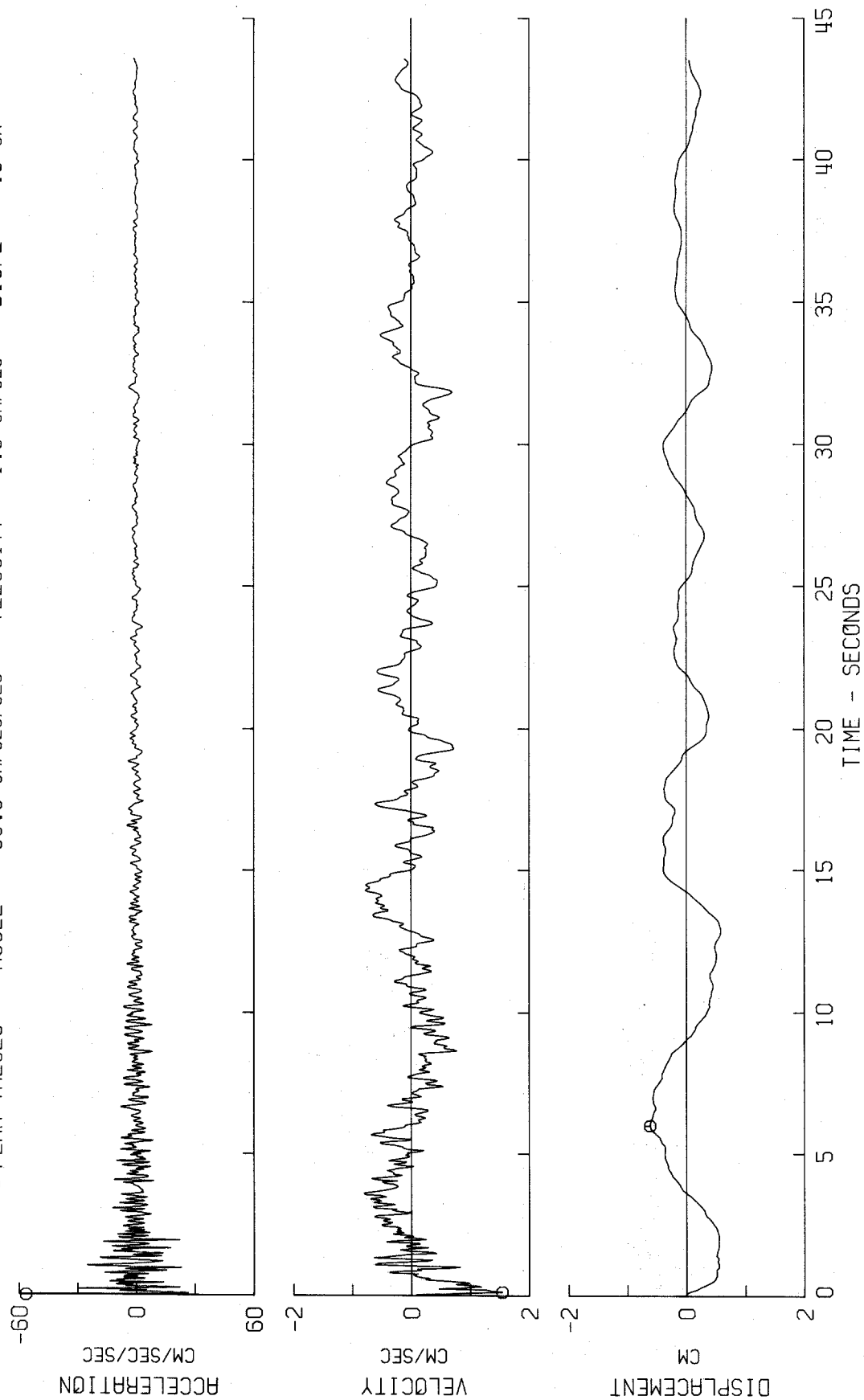
IMPERIAL COUNTY EARTHQUAKE DEC 16, 1955 - 2207 PST
 IIT292 55.005.0 EL CENTRO, IMPERIAL VALLEY IRRIGATION DISTRICT COMP NORTH
 ○ PEAK VALUES : ACCEL = -62.5 CM/SEC/SEC VELOCITY = -4.6 CM/SEC DISPL = 2.1 CM



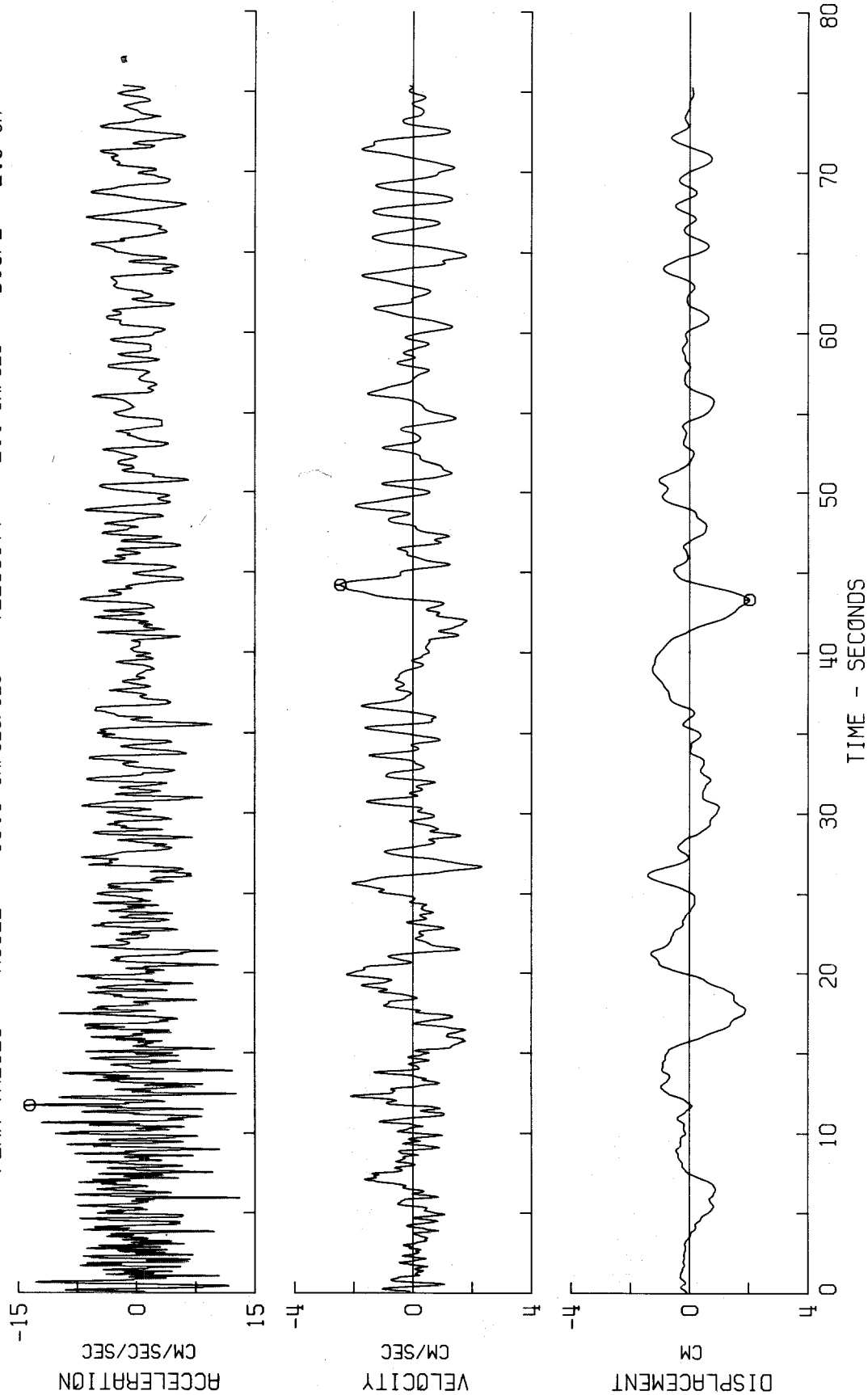
IMPERIAL COUNTY EARTHQUAKE DEC 16, 1955 - 2207 PST
IIT292 55.005.0 EL CENTRO, IMPERIAL VALLEY IRRIGATION DISTRICT COMP EAST
PEAK VALUES : ACCEL = -71.1 CM/SEC/SEC VELOCITY = -5.2 CM/SEC DISPL = 2.2 CM



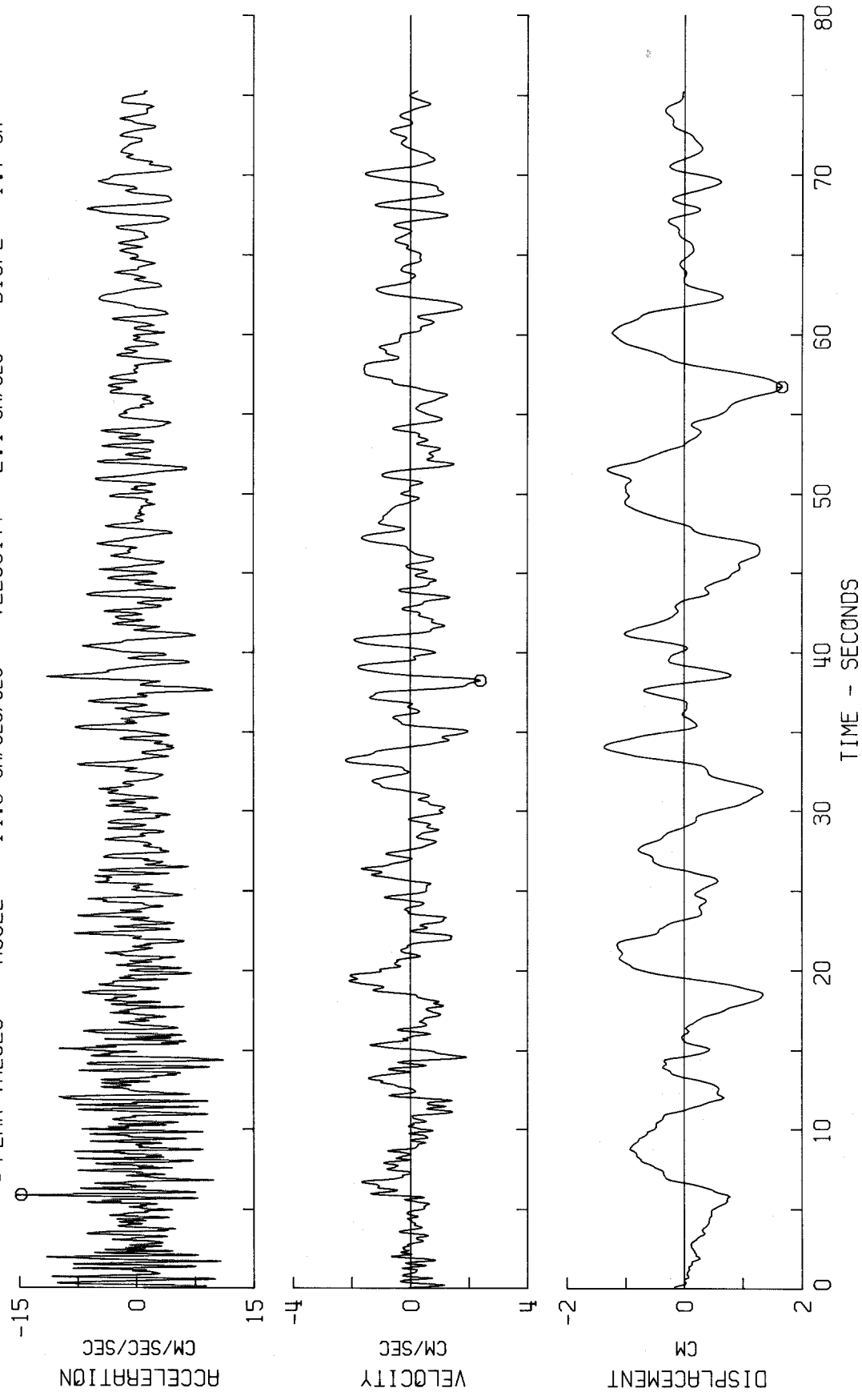
IMPERIAL COUNTY EARTHQUAKE DEC 16, 1955 - 2207 PST
11T292 55.005.0 EL CENTRO, IMPERIAL VALLEY IRRIGATION DISTRICT COMP UP
⊙ PEAK VALUES : ACCEL = -56.5 CM/SEC/SEC VELOCITY = 1.5 CM/SEC DISPL = -.6 CM



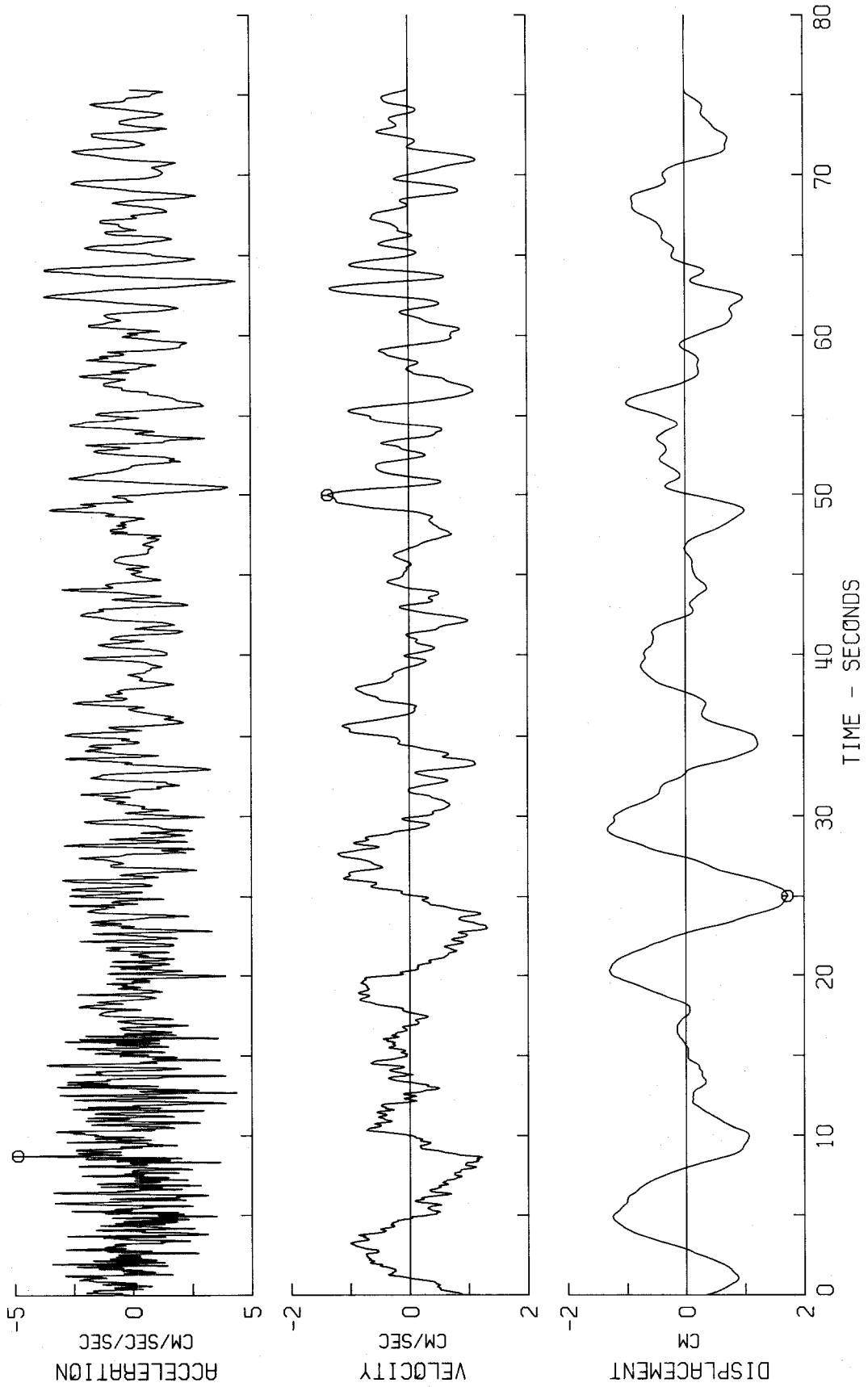
GULF OF CALIFORNIA EARTHQUAKE AUG 7, 1966 - 0936 PST
 IIT293 66.009.0 EL CENTRO, IMPERIAL VALLEY IRRIGATION DISTRICT COMP NORTH
 PEAK VALUES : ACCEL = -13.5 CM/SEC/SEC VELOCITY = -2.4 CM/SEC DISPL = 2.0 CM



GULF OF CALIFORNIA EARTHQUAKE AUG 7, 1966 - 0936 PST
IIT293 66.009.0 EL CENTRO, IMPERIAL VALLEY IRRIGATION DISTRICT COMP EAST
PEAK VALUES: ACCEL = -14.8 CM/SEC/SEC VELOCITY = 2.4 CM/SEC DISPL = 1.7 CM



GULF OF CALIFORNIA EARTHQUAKE AUG 7, 1966 - 0936 PST
IIT293 66.009.0 EL CENTRO, IMPERIAL VALLEY IRRIGATION DISTRICT COMP UP
PEAK VALUES : ACCEL = -4.9 CM/SEC/SEC VELOCITY = -1.4 CM/SEC DISPL = 1.7 CM



IIT274 38.001. IMPERIAL VALLEY EARTHQUAKE APR 12, 1938 - 0825 PST
 STATION NO. 117 EL CENTRO, IMPERIAL VALLEY IRRIGATION DISTRICT
 INSTR PERIOD = 0.098 SEC DAMPING = 0.528 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

EPICENTER - 32 54 00N, 115 36 0
 COMP NORT 32 47 43N, 115 32 5

PEAK VALS ACCLN = 28.2 CM/SEC/SEC AT 0.06 SEC VELO = -1.8 CM/SEC AT 0.34 SEC DISP = 1.3 CM AT 38.78 SEC

INITIAL VELO = -1.12435 CM/SEC INITIAL DISP = -0.36328 CM

3831 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.

-274	-152	51	282	24	-23	-22	94	220	250	22	-32	-97	-246	-279	-198	-171	136	209	112
-16	-24	140	239	224	-36	33	77	129	170	-41	-92	-95	-96	-6	52	131	170	220	185
72	-62	-77	-27	2	-2	-63	-70	-36	2	12	-46	-82	-156	-134	-13	73	94	102	126
133	69	-8	7	15	21	-35	-59	-122	-104	-54	-13	31	32	5	-17	-41	-30	-5	-7
-52	-33	11	41	23	-7	6	-16	-46	-59	-60	-54	-33	18	53	86	60	-18	-19	-6
1	6	5	-2	-5	-12	-15	-26	-34	-51	-45	-37	-9	43	90	25	-26	-50	-19	23
31	-11	-37	-32	-19	-27	-43	-27	-7	7	21	39	28	3	-8	-25	-35	-32	-26	-58
-63	-52	2	73	121	124	35	37	22	3	-21	6	-21	-64	-95	-48	-13	2	6	-2
-21	-54	-62	-5	65	109	103	29	-17	-19	-12	28	75	89	3	-68	-100	-129	-98	-80
-46	-63	-64	-43	-42	-13	19	97	174	211	166	58	9	-54	-8	33	45	-35	-103	-125
-142	-129	-122	-81	-32	-10	-24	-41	-16	26	85	107	126	65	37	6	-12	-59	-116	-76
8	58	78	69	47	30	-1	-3	-4	-37	-80	-86	-32	31	74	97	100	84	35	-55
-91	-72	-19	39	52	50	26	4	-1	-7	-22	-31	-32	-20	3	22	36	25	-34	-99
-127	-105	-25	26	29	19	43	65	83	57	-4	-40	-67	-82	-51	-17	16	32	37	-27
30	33	39	22	-7	-27	-45	-6	14	27	15	26	36	33	1	-27	-55	-51	-47	-17
10	25	34	52	26	-9	-26	-54	-38	-19	9	5	-4	-1	3	5	-4	23	56	90
71	14	-30	-78	-100	-99	-78	-38	-25	-13	-5	2	10	22	11	15	38	62	62	62
56	48	36	24	-18	-65	-100	-74	-49	-28	-8	8	11	17	23	49	80	57	24	23
-2	-15	-28	-18	-22	-20	-8	5	13	11	4	-13	-23	4	23	39	45	33	18	12
25	42	38	-13	-39	-66	-56	-27	4	19	3	-16	-39	-48	-36	-9	29	50	44	37
33	26	21	4	-13	-19	-16	-5	-1	5	3	-9	-22	-14	-16	-12	-17	-12	-3	8
15	20	20	31	45	58	64	43	2	-25	-28	-20	-8	1	-8	-12	-17	-19	-15	-15
-14	-20	-8	29	67	71	62	47	19	-25	-55	-75	-71	-65	-34	-9	9	5	-8	-7
4	12	21	11	4	-23	-24	-6	26	54	71	51	2	-41	-50	-43	-28	-13	-7	1
1	9	15	3	-16	-32	-36	-22	-5	5	6	-2	2	7	15	16	18	26	33	35
32	32	23	7	-43	-57	-75	-79	-44	18	63	99	80	43	-2	-20	-30	-23	-13	1
8	13	1	-8	-17	-13	-20	-33	-44	-41	-36	-10	13	25	33	32	29	27	31	34
29	12	-22	-52	-54	-53	-27	-18	8	18	29	26	18	13	16	16	10	6	-1	-2
-1	-4	-5	-10	-2	6	17	21	17	8	9	8	4	-12	-18	-7	9	22	34	37
25	-10	-33	-39	-34	-22	-10	-2	5	9	12	3	-1	5	14	24	29	21	14	4
-8	-18	-28	-22	-12	-12	-17	-32	-43	-41	-26	-14	11	28	34	33	29	21	22	26
23	9	0	-9	-6	1	8	15	14	7	-3	-15	-24	-28	-27	-24	-16	-7	-14	-18
-22	-17	-8	0	7	16	21	27	25	23	18	12	6	2	-2	-6	-7	-5	-1	4
6	-2	-4	-10	-14	-9	-8	-14	-17	-11	-4	2	10	16	22	23	16	8	0	-4
-4	-1	-2	-6	-12	-5	1	8	17	12	-1	-13	-21	-17	-17	-12	-8	-2	2	7
8	16	24	29	30	21	13	2	-4	-9	-8	-7	-5	-4	-4	-3	-4	-7	-11	-11
-5	0	7	6	2	-2	4	9	13	21	18	10	-3	-15	-16	-17	-17	-16	-11	-4
0	4	4	1	0	-2	0	3	5	8	6	3	-1	-4	-1	2	0	-6	-12	-13
-9	-5	0	7	11	7	1	-8	-14	-19	-20	-18	-13	-9	-1	8	19	26	25	21
16	12	10	5	1	-5	-7	-4	-4	-5	-5	-2	-2	-1	2	6	11	6	1	-6

-13	-16	-9	-3	5	-5	-5	-9	-23	-30	-33	-28	-23	-7	8	14	21	25	27	28	25
18	11	1	-5	-5	-6	-6	-2	1	-11	-14	-19	-18	-13	-5	1	5	7	7	6	4
0	2	15	15	10	4	4	2	-8	-5	-11	-12	-12	-11	-9	-7	-4	-2	0	-4	9
12	15	0	4	7	12	16	16	20	16	8	0	-5	-7	-5	-1	2	1	-5	13	-2
-3	-3	1	-1	-9	-18	-17	-9	-7	-2	4	5	7	10	13	15	16	17	16	13	10
8	5	-3	-8	-12	-13	-11	-4	-4	-6	-2	1	2	2	1	4	0	11	14	16	13
7	0	-4	-7	-7	-13	-11	5	11	14	-10	-14	-19	-16	-14	-7	0	10	15	18	21
20	18	14	5	-3	-1	-4	9	7	5	18	8	-7	-16	-24	-24	-20	-13	-5	-1	3
0	0	1	1	5	7	7	9	7	5	2	1	0	2	3	6	7	6	6	6	5
3	1	-1	-4	-5	-2	0	0	2	4	7	6	3	-3	-7	-2	3	4	7	0	-8
-11	-12	-11	-8	-6	-5	-2	-2	-1	2	3	6	10	15	12	10	6	1	-2	-7	-6
-4	-5	0	2	4	3	3	2	3	6	6	0	-5	-14	-18	-17	-13	-8	-4	-4	-5
-2	-3	-2	4	5	11	14	14	17	17	12	7	0	-7	-12	-12	-12	-12	-11	-11	-8
-8	-3	8	12	13	11	8	7	4	-3	-7	-9	-6	-2	-4	0	-4	-8	-11	-13	-14
-5	-6	1	4	6	8	7	7	7	7	7	4	0	-4	-4	-2	0	2	4	1	-4
-16	-13	-4	0	5	10	13	13	13	12	10	7	4	0	-4	-6	-9	-11	-15	-17	-16
2	9	9	12	6	6	-2	-5	-15	-20	-20	-17	-15	-10	-7	-4	4	-2	-4	-4	-2
9	5	6	2	-3	-3	-5	-5	-5	-5	-9	-18	-22	-23	-20	-11	-4	4	7	7	5
-7	-10	-12	-10	-3	-3	1	6	12	12	4	-2	-6	-2	2	5	7	12	12	9	8
7	6	5	6	3	-8	-7	-6	-7	-5	-3	1	4	7	4	0	-2	-4	-5	-3	-2
-1	-1	-3	-9	-9	-2	-5	-6	-6	-3	-1	2	2	5	5	1	-3	-6	-4	-4	-2
5	11	12	6	3	3	-4	-4	-3	1	6	10	13	9	-3	-6	-6	-7	-6	-1	3
0	2	3	2	1	-2	-2	-4	-6	-7	-9	-5	-3	-1	-4	-1	1	4	-5	-4	-3
14	14	14	12	10	10	5	2	2	-1	-6	-11	-13	-14	-14	-15	-14	-12	-10	-7	11
0	5	15	6	4	4	2	-1	0	0	0	2	3	5	9	11	11	14	11	4	2
-4	-10	-16	-15	-11	-11	-4	-4	0	1	5	-1	0	1	5	8	10	11	11	4	4
2	-3	-6	-10	-10	-9	-9	-9	-6	-3	-1	0	1	3	5	7	9	12	10	4	-1
-7	-11	-16	-18	-16	-14	-11	-11	-7	-3	3	6	7	6	4	2	0	-2	-2	-4	-6
-5	-3	-3	-4	-1	-10	-12	-12	-8	-5	4	6	9	12	12	12	10	7	5	4	-6
8	10	8	9	2	2	13	13	13	13	6	-2	-2	-3	-6	-6	-10	-11	-8	8	2
1	6	4	1	0	0	4	-6	-6	-5	-2	0	2	5	6	-7	-7	-4	5	5	6
4	2	2	3	1	4	6	6	4	4	5	5	4	4	3	1	-1	-2	-2	-2	-3
-2	-2	-1	0	5	-4	-4	-1	-2	-4	-12	-10	-8	-8	-10	-7	7	6	4	1	-1
-3	-4	-9	-7	-5	6	4	4	-2	-4	-5	-3	0	3	6	7	4	2	2	0	-2
-2	-3	-5	-7	-8	-9	-4	-4	-2	1	3	6	4	4	6	7	9	9	8	6	3
-2	-3	4	3	0	3	5	5	6	3	0	-3	0	2	2	4	6	7	7	7	5
1	0	3	5	-1	-6	-7	-3	-6	-4	6	10	12	13	13	13	11	11	9	3	0
-3	-7	-9	-10	-5	-5	-5	-5	-3	-1	-2	0	5	6	7	8	10	10	6	3	-1
-2	-2	-5	-5	-5	-5	-5	-5	-3	-1	-2	0	1	-1	-1	7	7	4	4	1	7
5	2	-3	-2	-5	-5	-5	-2	0	-4	-3	-1	1	-1	-1	8	10	11	9	9	-1

[illegible]

IIT274 38.001.
 STATION NO. 117
 INSTR PERIOD = 0.098 SEC DAMPING = 0.552
 IMPERIAL VALLEY EARTHQUAKE APR 12, 1938 - 0825 PST
 EL CENTRO, IMPERIAL VALLEY IRRIGATION DISTRICT
 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

EPICENTER - 32 54 00N, 115 36 0
 COMP EAST 32 47 43N, 115 32 5

PEAK VALS ACCLN = +8.8 CM/SEC/SEC AT 0.04 SEC VELO = -3.9 CM/SEC AT 0.38 SEC DISP = -3.1 CM AT 3.86 SEC

3829 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.
 INITIAL VELO = 2.22330 CM/SEC INITIAL DISP = 1.45289 CM

-157	-380	-488	-332	-281	-142	-86	-16	-13	-74	-121	-132	9	174	-27	-231	-370	-297	-185	58
272	418	377	-30	-55	-14	112	237	117	51	4	-57	-123	-152	59	27	-48	71	94	94
42	22	-15	20	-1	-44	-102	-113	-34	8	40	36	18	14	6	39	47	82	57	1
-11	-33	-129	-8	-34	36	78	67	86	53	6	-49	-96	-124	-101	-65	-42	46	79	106
87	67	32	-19	-130	-103	-33	-15	-8	-33	-27	-12	35	88	72	-33	-42	-2	24	-19
-64	-61	-43	-15	15	62	17	42	46	16	-5	-33	-33	-19	-27	-48	-32	-4	34	67
96	111	88	52	-5	-145	-161	-99	-41	16	48	37	17	48	63	27	-13	-58	-94	-97
-43	15	56	56	11	-18	-44	-33	-22	1	12	-11	-34	-51	-17	17	41	47	33	14
-7	-29	-42	-10	18	44	49	74	82	57	17	-27	-127	-116	31	67	116	133	92	65
-64	-120	-22	15	73	97	105	79	63	-26	-15	42	53	80	81	48	14	-44	-75	-105
-25	10	52	80	106	126	133	106	80	-9	-27	-64	-53	-31	4	58	71	62	58	29
0	9	18	-1	-6	13	35	53	62	42	-24	-50	-44	-34	-22	-14	-11	-20	-35	-51
-77	-64	-24	20	53	70	44	27	-16	-38	0	46	38	-7	11	-1	-10	-41	-55	-20
14	21	-7	-21	-50	-17	16	57	95	27	-18	-57	-38	-38	-24	-20	-27	-35	-43	-32
14	43	66	69	45	3	-24	23	21	28	12	29	51	50	18	-14	-42	-65	-83	-90
-64	3	66	87	46	-7	-61	-116	-70	19	59	81	41	-7	-32	-60	-49	-10	15	15
7	-21	-33	-21	-10	9	4	-9	0	3	-10	-21	13	46	65	65	37	-30	-58	-34
3	47	68	61	33	-17	-43	-59	-56	-47	-41	-27	-14	1	0	-16	-25	-50	-32	22
50	74	67	58	29	33	43	71	26	-38	-69	-77	-37	-5	26	19	2	-4	-13	4
13	24	7	-13	-29	-39	-43	-27	-13	2	-15	-73	-104	-99	-82	-26	19	49	41	36
22	9	-7	-14	-15	-6	9	23	28	20	19	20	23	15	-18	-40	-63	-71	-45	6
58	75	70	58	-13	-74	-31	-28	-6	1	-4	-9	-12	-18	-19	-15	-10	0	-1	-8
-10	-3	5	21	18	6	-3	-19	-32	-47	-50	-33	-16	4	24	42	57	42	23	2
-14	-30	-34	-23	-18	-11	-38	-42	-54	-32	-14	29	31	21	9	9	12	-2	-10	-22
-18	-18	-24	-28	-35	-28	-17	6	42	55	48	20	-8	-40	-57	-74	-54	-19	-3	12
22	31	21	13	0	-11	-20	-18	-2	15	36	42	25	-5	-21	-34	-39	-34	-32	-26
-29	-29	-11	1	10	18	8	0	-13	-15	-6	2	14	26	23	14	6	-2	-3	-4
2	2	-4	-10	-18	-22	-29	-27	-26	-25	-21	-17	-10	-5	-3	-7	-9	-15	-11	4
23	42	62	61	41	26	2	-10	-8	1	-1	-19	-41	-57	-47	-31	-15	-4	7	18
26	31	37	28	22	6	2	2	-5	-18	-34	-48	-47	-25	3	14	34	26	11	-10
-23	-35	-32	-26	-16	-16	-27	-24	-16	-9	-9	-5	3	12	15	10	1	-10	-10	13
25	42	48	42	39	30	23	13	3	-12	-33	-48	-50	-35	-23	-9	-14	-9	-7	3
12	23	36	42	31	22	8	-8	-21	-25	-26	-26	-14	-5	6	16	26	22	10	5
2	10	14	21	15	8	-3	-14	-21	-29	-22	-10	1	15	20	15	10	1	4	6
7	5	4	1	4	8	15	26	20	12	-4	-25	-35	-27	-18	-8	-2	-6	-8	-16
0	14	20	30	17	3	-6	-4	-6	10	23	30	29	28	22	15	7	0	-11	-24
-36	-49	-58	-41	-23	-8	20	47	59	46	30	18	5	-5	3	0	-9	-8	-13	-9
-4	-4	-11	-18	-23	-27	-25	-19	-12	-4	7	13	10	2	-15	-19	-26	-18	-3	8
19	24	27	24	20	14	13	10	11	13	12	5	-7	-17	-23	-27	-18	-12	-4	5
8	9	9	8	6	-1	-5	-16	-11	-7	-2	5	10	11	9	4	-1	-12	-22	-28

-26	-9	7	16	30	31	28	23	16	9	6	-3	-6	-7	-7	-2	0	1	1	3	9
12	-7	3	-3	-6	-2	2	10	15	22	24	25	25	22	16	18	15	10	10	-9	-13
-16	-19	-21	-15	-8	-4	0	-40	3	-33	8	12	15	18	21	8	15	14	14	7	3
28	31	32	27	21	-22	-30	3	-42	-9	-26	-16	-4	-7	6	15	14	5	5	18	24
9	17	28	28	19	13	7	-19	-3	-9	-17	-20	-12	-7	3	15	9	9	9	0	-3
-27	-20	-12	-5	2	10	15	14	12	10	2	10	17	22	23	17	10	7	7	-18	-24
5	5	4	1	-2	-4	-3	-1	-2	-8	-14	-19	6	7	8	9	10	30	37	5	40
38	35	27	15	5	-7	-15	-14	-9	-4	0	5	3	-7	-4	11	24	-30	37	37	40
3	11	23	27	30	30	27	19	8	-7	-14	-18	-23	-21	-16	-11	-6	-1	-23	-10	-4
7	7	6	5	3	5	9	9	10	9	5	1	-5	1	10	13	10	6	1	1	3
5	9	10	7	2	-4	-11	-22	-27	-31	-27	-18	-6	5	9	12	9	2	-1	-1	-4
-1	2	5	6	8	9	8	3	-2	-4	-5	-2	-1	3	3	-4	-11	-17	-18	-17	8
-14	-6	6	13	17	22	22	19	13	7	3	-4	2	-21	-26	-22	-13	-5	2	9	14
8	1	0	-7	-7	-5	-4	-1	0	2	4	6	2	-2	4	-4	0	2	2	-10	-11
8	1	-3	-10	-15	-16	-18	-13	-8	-3	-1	2	3	4	4	3	-1	-6	-6	-10	-11
-7	-6	-5	-7	-7	-4	-1	3	8	13	19	13	3	6	3	3	1	-1	-1	-17	-10
-16	-22	-29	-33	-29	-24	-14	-5	-1	3	5	6	5	5	7	12	15	17	17	15	15
12	8	3	-1	-3	-8	-12	-21	-23	-26	-23	-14	-7	-4	2	5	3	2	-1	-1	-5
-6	-4	-2	0	2	2	7	14	13	14	9	6	3	5	6	4	5	4	0	0	-3
2	2	6	6	6	-3	-5	-8	-10	-11	-9	-7	-4	-1	3	7	10	14	10	10	3
-2	-7	-10	-12	-9	-6	-4	-5	-7	-7	-6	-2	1	10	12	12	8	1	-1	-1	-10
-16	-23	-20	-15	-11	-2	4	6	11	4	13	14	9	4	1	9	-6	-10	-14	-14	-18
0	-3	-3	-1	1	3	3	3	-2	-8	-11	-14	-8	-2	-14	-16	-14	-9	6	-5	-1
1	4	4	3	2	0	-1	-3	-4	-7	-9	-8	-3	1	9	12	3	2	10	-9	7
5	4	6	7	8	8	6	-1	-4	-5	-7	-5	-2	1	2	4	0	-6	5	-5	-15
-17	-19	-15	-11	-5	1	6	11	13	14	13	12	6	3	4	2	0	5	7	-12	-12
-12	-11	-9	-6	-3	0	2	1	1	0	-3	-4	-2	-1	1	3	4	3	6	8	7
9	8	8	7	6	5	4	4	2	0	-3	-6	-8	-8	-6	-4	1	3	3	6	7
7	2	-1	-6	-8	-8	-8	-8	-5	-3	0	3	4	0	-1	-1	-1	1	4	4	4
1	0	-3	-3	-6	-8	-9	-10	-8	-3	-4	-1	3	3	-2	-5	-10	-14	-15	-15	-15
-14	-7	-4	1	3	6	8	11	12	15	15	16	9	-1	-6	-9	-11	-7	-6	-6	-2
1	3	3	4	1	-2	-9	-7	-6	-4	0	5	10	13	12	12	8	6	5	5	4
2	1	-2	-1	1	3	3	3	3	3	1	-1	1	3	3	5	3	2	0	0	-2
-5	-3	0	4	6	6	7	3	-2	-4	-6	-7	-3	-4	-6	-7	-10	-10	-6	-2	-1
-2	4	6	6	7	8	9	10	11	7	-3	-1	-5	-6	-7	-6	-1	-1	2	2	-1
-2	-1	-2	-3	-5	-8	-10	-13	-12	-11	-10	-6	0	-1	1	-1	-2	-4	-12	-12	-14
12	12	13	10	6	4	2	2	2	5	8	10	12	10	11	3	11	6	2	-2	-2
-11	-6	-4	0	2	4	3	0	-3	-3	-1	1	4	7	9	11	10	6	2	2	-2
-8	-16	-22	-25	-23	-15	-9	0	7	13	14	7	4	0	-4	-8	-11	-14	-12	-12	-10
-8	-3	1	4	3	-3	0	0	3	7	10	12	14	15	12	10	5	3	0	4	4
6	-9	10	3	1	-3	-6	-10	-9	-4	-2	-1	2	5	7	8	9	6	3	0	0
-5	-7	-5	-1	3	6	6	7	7	3	-3	-8	-8	-9	-8	-6	-1	4	5	7	7
8	9	9	12	14	15	13	9	6	3	0	-2	-7	-4	-5	-2	0	4	3	5	5
7	10	11	12	12	10	6	2	3	-4	-5	-7	-7	-7	-5	-3	1	3	3	4	4
4	4	5	4	4	4	3	2	3	4	4	5	3	2	1	1	0	0	0	0	-1
-2	-2	-1	2	5	8	9	11	10	9	10	12	8	4	8	-2	-6	-9	-7	-6	-6
-2	3	4	4	5	5	3	2	0	-2	-3	-2	-1	2	2	4	4	7	6	8	9
2	3	4	5	5	5	4	2	0	-2	-2	-3	-3	-1	2	4	5	7	8	9	9

IIT274 38.001. IMPERIAL VALLEY EARTHQUAKE APR 12, 1938 - 0825 PST EPICENTER - 32 54 00N, 115 36.0
 STATION NO. 117 EL CENTRO, IMPERIAL VALLEY IRRIGATION DISTRICT COMP UP 32 47 43N, 115 32.5
 INSTR PERIOD = 0.096 SEC DAMPING = 0.552 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

PEAK VALS ACCLN = -21.3 CM/SEC/SEC AT 0.02 SEC VELO = 1.4 CM/SEC AT 35.46 SEC DISP = 2.4 CM AT 38.12 SEC

INITIAL VELO = -0.06111 CM/SEC INITIAL DISP = 0.13297 CM

3828 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.

69	-213	-68	-77	33	73	78	94	12	-74	-61	-99	24	74	128	-22	-22	53	61	35	70
8	-38	-77	59	-61	-26	-33	-55	-20	-24	0	15	-8	14	32	13	16	8	-24	-49	-74
-26	14	59	29	29	29	14	-23	-44	-24	7	1	-2	-18	-11	-16	-32	-22	45	32	25
36	-6	-54	-31	21	21	54	-4	-23	-18	-27	-19	17	25	24	14	37	-4	-34	-35	-11
0	-41	-85	-58	36	36	108	151	98	14	-31	-48	-15	-11	-9	-3	30	67	67	40	0
-43	-60	-44	-36	-17	-17	-5	8	23	30	23	22	41	3	-23	-7	-20	-37	-24	5	27
35	24	0	-50	-48	-48	-16	23	34	30	44	54	25	-8	-35	-61	-75	-56	-28	18	41
30	-7	1	5	-9	-9	-33	-20	11	41	18	-10	-2	22	11	-23	-21	6	-8	-1	20
14	-8	-26	-25	-29	-29	-23	4	28	14	13	13	-4	-10	21	38	26	-24	-97	-65	11
6	-5	33	52	57	57	40	-11	-53	-41	-38	-29	20	29	12	15	18	4	-26	-24	11
25	31	36	37	18	18	-2	-17	-48	-51	-4	14	10	19	33	32	13	-5	-22	-23	3
14	17	29	35	31	31	17	-1	-19	-39	-36	-7	5	12	-3	-12	-17	-15	-7	-2	-17
-12	17	47	33	18	18	18	26	14	-8	-19	-19	-46	-29	5	21	11	-3	-10	-4	-26
-37	-28	11	34	21	21	15	5	3	10	9	3	11	27	3	-9	-20	-23	-12	0	6
3	2	0	3	1	1	1	-6	-5	1	6	11	12	-3	-13	-27	-23	-5	9	7	1
-6	-13	-13	-5	-2	-2	-3	-4	8	28	40	27	9	-22	-19	-3	18	7	-11	-2	12
12	5	-2	-10	-7	-7	-17	-1	33	27	16	5	0	-3	-6	-7	-5	1	-9	-17	-13
1	15	17	7	-5	-5	-16	-12	5	13	16	13	10	2	-10	-30	-42	-24	-2	1	6
16	16	14	11	6	6	-1	-9	-9	-6	7	18	21	21	14	0	-8	-16	-19	-22	-22
-20	-16	-10	-6	-3	-3	0	14	13	-3	-4	-16	-11	-6	3	9	9	11	16	14	5
-1	-6	-14	-23	-24	-24	4	8	5	-1	-3	-1	3	6	5	-4	-14	-17	0	14	28
21	1	-6	-16	-14	-14	3	10	11	-2	-12	-5	-3	-6	-15	-13	2	4	6	5	5
1	10	21	18	9	9	-1	-6	-8	-5	1	1	-4	-10	-18	-20	-14	-17	-25	-20	-14
-6	4	10	20	21	21	23	13	0	-1	2	6	5	3	-6	-11	-17	-26	-23	-2	4
20	17	11	-3	-6	-6	-9	-9	-2	6	11	3	2	7	-12	-9	4	9	5	-1	-6
-4	-7	-23	-26	-12	-12	-12	-11	0	5	3	-4	-6	1	11	17	21	17	14	7	1
2	7	7	8	2	2	-1	-5	-7	-1	-4	-5	-13	-13	-20	-13	-7	-8	1	8	5
6	10	4	2	-3	-3	-6	-6	2	2	0	4	5	0	4	5	0	2	6	7	2
0	6	14	12	4	4	1	-4	-2	-5	-12	-18	-13	-10	-1	12	15	14	18	12	-2
-11	-8	-3	4	7	7	8	-1	-13	-18	-16	-10	-10	-11	-9	-4	3	11	9	4	8
12	12	10	5	-1	-1	-5	-13	-11	-9	-9	-10	-12	-15	-14	-9	-6	-3	0	1	8
15	13	6	7	0	0	-4	-7	-8	-8	-4	1	7	6	3	-3	-9	-12	-10	-9	-6
4	9	1	-3	-4	-4	-6	-8	-5	-1	3	6	6	2	4	3	-3	-3	-2	-1	-6
-3	-6	-4	3	5	5	4	1	-5	-4	-4	-7	-9	-9	-9	-11	-13	-11	-10	-3	0
5	8	8	5	4	4	2	0	-3	-2	-2	0	4	6	12	17	13	11	6	1	-5
-9	-14	-14	-7	-1	-1	0	0	1	1	4	8	0	5	-1	-5	-8	-11	-11	-9	-4
6	5	7	14	16	16	6	1	0	-1	-3	-4	0	7	9	11	13	13	7	2	-3
-11	-14	-16	-14	-11	-11	-7	-3	0	0	-2	-1	-1	3	7	6	10	16	16	14	12
8	3	-2	-9	-11	-11	-9	-9	-9	-7	-3	0	5	6	6	6	8	11	11	8	3
4	2	3	2	2	2	3	4	7	6	2	-3	-1	3	5	4	2	2	5	5	3

II1275 38-003.
STATION NO. 117
INSTR PERIOD = 0.100 SEC
IMPERIAL VALLEY EARTHQUAKE JUNE 5, 1938 - 1842 PST
EL CENTRO, IMPERIAL VALLEY IRRIGATION DISTRICT
DAMPING = 0.552
ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CVC/SEC.
EPICENTER - 00 00 00N, 000 00 0
COMP NORTH 32 47 43N, 115 32 5

PEAK VALS	ACLN =	33.3	CM/SEC/SEC AT	0.22	SEC	VELO =	-0.9	CM/SEC AT	4.44	SEC	DISP =	0.5	CM AT	3.62	SEC
-----------	--------	------	---------------	------	-----	--------	------	-----------	------	-----	--------	-----	-------	------	-----

1502	INSTRUMENT AND BASELINE CORRECTED DATA	IN MM/SEC/SEC	AT EQUALLY-SPACED INTERVALS OF	0.02	SEC.
	INITIAL VELO =	-0.18907	CM/SEC	INITIAL DISP =	-0.14691
					CM

210	-73	15	52	-2	-60	-42	72	-3	-40	-138	-186	-69	107	268	333	86	-48	-291	-127	36	239	162	61
-151	14	85	75	27	13	-95	-60	2	60	45	33	9	-32	-63	6	75	102	42	7	-53	-20	-5	
15	14	85	75	27	13	-2	-15	-24	-2	20	23	-16	-49	-37	3	31	15	15	38	7	-47	-25	
40	85	46	75	27	13	-46	-34	-68	-46	-24	-22	-37	-50	-24	19	65	62	8	-25	-77	-50	10	
52	75	27	16	68	-114	-68	-16	-68	-114	-44	16	86	54	0	-34	-12	12	17	-15	-44	-7	7	
-2	6	25	13	3	-3	-10	10	-35	-3	-3	-3	-23	-50	-44	-34	-6	65	89	-44	37	-57	-65	
7	46	96	53	35	-97	32	52	-35	-97	32	52	87	10	-39	-28	-20	-34	-42	-44	14	7	38	
5	27	45	55	20	-10	-46	-83	-62	-10	-46	-83	-62	-27	8	44	18	-8	-12	0	4	-4	-24	
13	0	-6	-14	1	17	37	48	15	17	37	48	15	-13	-41	-30	-26	-15	10	37	17	-16	-20	
11	-23	-48	-86	-65	-8	32	99	104	-8	32	99	104	46	3	-62	-109	-67	-31	14	59	11	-33	
-123	-59	-12	57	106	54	16	-44	-67	-44	16	-44	-67	-35	-14	21	57	61	1	-12	-7	-2	-24	
-82	-15	-23	22	50	82	58	7	19	82	58	7	19	-18	-57	-42	7	50	103	151	95	20	-35	
-12	-42	-23	-32	-27	9	5	17	19	9	5	17	19	3	-17	-39	-30	5	28	63	47	29	6	
-47	-47	-12	-6	-7	-6	2	9	-3	-6	2	9	-3	-17	-35	-28	26	76	99	48	12	-36	-12	
11	-20	-41	-31	-5	19	31	9	-4	19	31	9	-4	-27	-43	-24	-12	9	-12	-37	-73	-64	-22	
54	87	55	24	-14	-48	-24	-8	-14	-48	-24	-8	-14	-12	14	32	21	10	15	55	34	-7	-42	
-66	-48	-23	2	33	33	0	-30	-38	33	0	-30	-38	28	85	125	73	35	-18	-80	-83	-13	41	
-7	-40	-62	-19	5	39	-5	-42	-60	39	-5	-42	-60	-25	2	37	80	65	15	-20	-5	18	47	
15	-13	-48	-90	-80	-31	4	30	31	-31	4	30	31	31	26	17	-7	-13	7	21	43	35	16	
-20	-1	17	28	10	-5	-30	-56	-69	-5	-30	-56	-69	-41	-18	12	40	31	20	4	17	44	71	
39	9	-11	-29	-46	-59	-65	-74	-68	-59	-65	-74	-68	-46	-27	-4	21	29	16	8	-7	-9	13	
53	75	94	44	0	-24	-54	-79	-88	-24	-54	-79	-88	-88	-74	-57	-29	15	60	58	40	30	45	
57	52	43	33	5	-17	-48	-44	-22	-17	-48	-44	-22	-7	-10	-21	-29	-34	-39	-34	-31	-18	10	
18	16	19	26	33	26	12	34	53	26	12	34	53	49	35	21	1	-11	-14	-20	-23	-28	-25	
-2	19	47	40	8	-18	-27	-18	-20	-18	-27	-18	-20	-25	-33	-31	-17	-5	11	25	39	17	-11	
-16	-11	1	11	8	-2																		

IIT275 38.003. IMPERIAL VALLEY EARTHQUAKE JUNE 5, 1938 - 1842 PST EPICENTER - 00 00 00N, 000 00.0
 STATION NO. 117 EL CENTRO, IMPERIAL VALLEY IRRIGATION DISTRICT COMP EAST 32 47 43N, 115 32.5
 INSTR PERIOD = 0.100 SEC DAMPING = 0.552 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

PEAK VALS ACIN = -26.0 CM/SEC/SEC AT 0.26 SEC VELO = -0.8 CM/SEC AT 0.30 SEC DISP = 0.6 CM AT 11.22 SEC

INITIAL VELO = -0.33763 CM/SEC INITIAL DISP = 0.23384 CM
 1501 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.

-14	-108	-54	71	62	117	49	-177	-49	-19	50	165	36	-260	-85	-62	79	112	-125	-4
-23	54	-12	-60	29	32	115	2	13	234	93	41	10	84	20	-45	-170	-179	-127	-92
-31	26	65	85	80	42	82	22	-57	-102	-54	-16	36	96	108	68	50	16	-4	-35
-70	-165	-161	-32	12	-43	9	47	81	137	118	51	-5	-35	-9	-6	20	-12	-40	-68
-20	16	66	108	75	35	-5	-60	-56	-17	6	56	47	-4	-36	-61	-44	-35	-51	-85
-25	11	74	68	-14	-17	-14	-13	-3	8	9	-4	-14	0	8	24	20	9	-2	7
15	29	12	-21	-44	-30	-10	2	-9	15	28	-18	-5	14	22	4	-13	-34	-27	6
-19	-17	13	37	27	-17	-17	-8	-5	-29	40	34	-4	-33	-14	12	37	16	-17	-9
10	7	-8	-18	-10	-4	5	13	24	30	17	1	6	11	20	7	-16	-26	3	28
52	24	7	-22	-48	-77	-56	-32	-4	26	56	33	4	-31	-34	36	36	13	1	-24
-13	-8	8	0	-39	-80	-92	-44	-4	44	103	103	50	4	-19	7	17	8	-23	-40
-19	1	-8	-11	-13	1	14	14	5	0	-7	12	21	44	22	-19	-55	-54	-33	-21
8	5	-14	-28	-46	-27	-8	14	34	14	2	-21	-16	6	22	49	52	23	3	-28
-22	-5	9	32	34	2	-29	-31	3	17	58	32	-14	-65	-63	-21	9	54	100	107
41	-17	-56	-21	7	6	-30	-56	-61	-18	2	48	47	32	18	-1	-16	19	45	86
81	18	-30	-92	-64	-32	6	47	28	9	-16	-43	-74	-74	-39	-17	23	24	-30	-44
-12	16	30	8	15	36	52	77	80	55	36	8	-12	-7	-6	-2	-18	-31	-49	-54
-49	-45	-39	-32	-27	-18	-9	2	1	-19	-29	6	38	63	36	18	-12	-34	-6	6
-11	-15	-32	-9	20	54	56	37	24	2	-17	-38	-59	-48	-16	7	41	30	16	-2
-3	4	9	19	25	10	-4	-20	-39	-43	-23	-10	7	-13	-23	-44	-26	2	32	51
37	32	16	7	13	22	12	-4	-18	-38	-47	-15	14	40	30	25	17	31	40	25
0	-4	15	31	42	-7	-18	-14	-15	-21	-50	-58	-38	-23	-1	10	-4	-12	-27	-14
-36	-52	-63	-44	-25	30	22	10	0	-8	-18	-8	5	19	19	13	8	1	-6	-22
7	36	38	19	8	-11	-3	3	13	24	-6	18	38	28	8	-11	-35	-54	-36	-15
0	-9	0	3	11	-8	-26	-48	-44	-30	24	13	8	-4	-11	-23	-22	-11	-1	9
8	1	8	10	17	17	16	17	6	-12	-17	0	13	3	1	13	21	34	37	22
0	-9	-20	-24	-18	-15	16	17	6	-12	-28	-26	-13	-3	12	24	36	27	20	11
-27	-16	-12	1	-5	-14	-21	-5	-13	-21	-29	-38	-27	-16	-1	12	29	20	0	-19
-14	0	6	21	18	3	-10	-19	-2	10	17	9	-6	-21	-19	-2	10	23	7	-4
-32	-24	-30	-46	-45	-32	-21	-5	3	-18	27	45	41	29	18	3	-10	-24	-39	-45
9	17	28	39	33	23	13	1	-11	-18	-27	-19	-16	-8	-1	8	15	24	21	15
3	-9	-5	2	8	17	12	3	-6	-17	-10	-2	6	17	6	-11	-25	-18	-10	2
-11	-14	-5	0	8	-7	-5	2	7	14	-17	-15	-12	-9	-6	-3	1	3	-1	-6
-4	-14	-23	-35	-39	-22	-6	11	31	20	4	-15	-18	-10	-5	29	33	23	16	6
-14	-11	-9	-13	-20	-26	-33	-23	-11	1	15	27	23	18	13	4	13	6	-5	-15
15	4	-7	-4	3	9	16	0	-12	-26	-22	-20	-15	-10	-11	-15	-17	-6	34	24
27	24	24	21	19	16	14	11	9	-2	4	-2	-8	-14	-20	-26	-24	-20	-16	19
-8	-3	1	6	8	5	4	1	1	0	0	-1	9	22	35	-41	28	18	4	-12
-17	-9	-5	4	10	20	18	4	-6	-22	-34	-51	-48	-27	-11	11	31	54	70	50

11T275 38.003. IMPERIAL VALLEY EARTHQUAKE JUNE 5, 1938 - 1842 PST
 STATION NO. 117 EL CENTRO, IMPERIAL VALLEY IRRIGATION DISTRICT
 INSTR PERIOD = 0.097 SEC DAMPING = 0.552 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

EPICENTER - 00 00 00N, 000 00 0

COMP UP 32 47 43N, 115 32 5

DISP = -0.5 CM AT 22.70 SEC

PEAK VALS ACCLN = -13.1 CM/SEC/SEC AT 0.12 SEC VELO = 0.6 CM/SEC AT 0.22 SEC DISP = -0.5 CM AT 22.70 SEC

INITIAL VELO = 0.00720 CM/SEC INITIAL DISP = -0.16648 CM

1502 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.

-40	-13	21	117	76	-21	-131	-24	118	109	102	-49	20	-41	-61	-19	37	62	-2	-62
-40	-6	9	-27	-12	34	22	-16	-1	-32	-95	-17	32	27	25	42	36	-16	-20	13
46	13	-30	-70	-16	-20	-12	29	70	53	-32	-32	1	40	25	-60	-26	-17	-57	-37
-22	2	57	80	-4	-62	-11	39	35	-2	-36	-55	-7	-27	-12	33	54	16	-15	-41
-4	-22	-29	-8	10	24	11	6	25	-3	-53	-17	13	29	25	7	-15	-15	5	21
21	-2	-14	-40	-26	-1	21	-3	-15	6	19	0	-11	2	-5	-32	0	34	-12	-19
-2	-18	-13	-7	-3	4	-13	-15	18	33	-15	-21	-6	0	-8	-33	-5	5	4	16
24	-3	-4	6	-6	-12	-7	5	-19	-16	16	17	17	-18	-51	-37	16	19	20	37
31	4	-20	-35	-18	-13	-25	-36	-8	29	45	7	-13	8	22	2	-33	-17	29	27
27	19	3	-12	-29	-22	-7	7	18	21	0	-11	-18	-6	9	25	9	-13	-35	-30
-24	4	32	7	-24	-28	-25	1	36	37	-6	-13	-10	-21	-18	3	12	6	3	14
34	28	2	-19	-8	20	21	-9	-1	-9	-13	5	20	3	-17	-10	-9	-10	-12	5
18	35	12	-20	-15	-5	-13	-12	-8	-5	-5	-13	-13	0	11	23	15	5	-5	-20
-15	-3	13	13	-4	-21	-7	0	-4	17	29	16	-14	-29	-14	-2	20	20	7	-3
-3	-2	-9	-12	10	17	4	7	3	2	1	8	17	17	5	-5	-17	-4	14	13
2	13	6	-11	-17	-2	2	9	7	-6	-8	-3	-4	-6	-6	5	14	3	-12	-6
-4	-8	8	7	0	4	5	8	-6	-18	-16	-18	-12	10	25	19	16	9	2	-2
7	6	0	3	9	14	22	22	3	-16	-27	-12	3	7	1	-3	-5	-2	4	11
-4	-15	-8	7	10	2	1	2	3	5	6	10	15	15	2	-10	-8	-1	-11	-25
-18	-14	-20	0	11	28	14	-7	-16	-7	-16	-7	5	15	-9	-10	12	16	2	2
-3	-4	-1	2	2	3	3	6	8	10	13	2	-5	0	-2	-5	-6	4	1	-10
-11	-2	5	14	5	1	-2	-6	-10	-2	10	5	-2	-2	3	7	12	-2	-9	-2
2	5	-1	-4	-12	-8	2	-2	-6	-3	15	14	-1	-17	-13	4	10	3	-4	-10
-5	-3	3	2	-1	-4	-5	-1	2	6	9	7	3	-1	-4	8	10	8	9	12
15	18	9	-3	-15	-30	-24	-8	6	19	11	6	-3	-10	-5	7	8	-2	-2	2
7	8	-1	-9	-7	-7	-9	-15	-2	4	-3	6	1	-1	-2	2	4	5	3	2
8	12	-4	-8	7	4	-1	2	15	10	-1	-1	-3	-4	-4	-5	-5	-6	-4	-2
0	1	0	-3	-1	2	0	-7	2	3	0	0	3	9	11	6	-1	-3	0	5
-4	1	0	4	7	1	1	2	5	0	-7	-3	-2	2	5	7	9	10	13	6
-7	-1	-1	4	0	-7	-13	-21	-17	-9	-2	8	7	4	1	-5	-13	-15	-7	-6
-3	-2	1	5	8	4	2	5	7	1	-3	4	0	-4	-3	-1	1	4	4	1
-4	-2	5	13	8	-5	-10	-14	-18	-12	-3	4	4	3	1	-3	-2	5	-1	-8
-5	-5	0	7	12	9	5	1	-5	-8	-6	-3	0	3	0	-6	-6	1	-3	-7
-3	1	-7	-6	-3	0	4	8	6	1	-4	-6	1	5	13	3	-4	4	0	-5
-6	-2	1	4	3	4	3	2	1	1	2	-2	-5	2	9	15	10	7	6	5
2	0	-2	-5	-8	-7	4	4	-1	4	7	6	1	3	9	8	0	-2	5	2
0	-6	-5	7	6	4	1	-2	-6	-10	-12	-6	-2	0	2	4	6	8	0	3
0	-4	-8	-12	-16	-8	2	12	10	6	-12	-6	-2	-5	-6	0	-1	-8	1	6
6	0	-3	3	5	0	-5	-4	0	3	-2	-5	-4	2	-5	-7	-9	-10	-11	-4
7	8	9	9	8	4	0	-4	0	3	-1	-3	-1	11	10	6	3	-1	-4	-8

IIT276 38.004, IMPERIAL VALLEY EARTHQUAKE JUNE 6, 1938 - 0437 PST EPICENTER - 00 00 00N, 000 00 0
 STATION NO. 117 EL CENTRO, IMPERIAL VALLEY IRRIGATION DISTRICT COMP MORT 32 47 43N, 115 32 5
 INSTR PERIOD = 0.100 SEC DAMPING = 0.552 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

PEAK VALS ACCLN = -8.4 CM/SEC/SEC AT 0.0 SEC VELO = 0.5 CM/SEC AT 39.92 SEC DISP = 0.8 CM AT 41.80 SEC

INITIAL VELO = -0.11716 CM/SEC INITIAL DISP = -0.04388 CM

2794 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.

-84	14	43	42	32	12	21	35	30	-35	-25	17	12	-15	-16	13	27	14	-2	-17
11	26	-27	-41	-7	25	23	3	-29	-34	-1	23	28	-5	-8	-11	28	11	-19	-19
-27	-24	-24	-13	1	27	44	21	14	6	-2	-17	-20	-15	8	9	-5	-13	-23	-2
13	43	13	-5	-13	-15	-13	-7	6	30	-3	-12	-48	-27	-10	15	26	24	15	5
-13	-21	-20	13	13	32	-6	-36	-32	-2	13	4	-2	-9	4	12	17	2	-4	4
13	4	-1	-6	0	8	2	-23	-18	-10	9	-1	-17	-24	-12	13	29	9	1	-10
-19	-26	-23	3	21	5	-2	2	4	23	3	-11	-3	7	1	-6	2	5	-10	-22
-22	-4	6	17	17	14	-6	-15	-6	15	33	14	-13	-4	7	0	-7	-12	-13	-8
-4	-1	-2	2	4	6	10	12	18	7	-6	-25	-25	6	48	37	2	-14	-43	-21
1	14	1	-1	-12	-26	-48	-48	-33	5	29	48	46	19	-13	-2	39	38	22	-10
-19	-15	-11	-17	-27	-31	-28	-22	-2	41	46	40	21	23	6	-11	-31	-34	-20	-2
12	23	20	7	-12	-20	-15	-8	3	12	-7	-19	-4	14	9	-4	-8	-1	15	7
-6	-20	-17	10	32	35	6	-16	-9	-7	-6	-6	-5	-1	20	13	-2	-21	-17	-11
15	18	9	16	22	28	28	0	-36	-28	2	18	21	13	-10	-31	-28	-25	-6	5
14	10	0	1	4	15	25	35	31	18	-16	-55	-63	-49	-22	-8	22	34	40	37
24	11	-7	-22	-26	-23	-12	1	5	14	11	7	3	-4	-10	-3	6	15	33	26
12	-2	2	17	29	31	16	-6	-36	-43	-50	-42	-16	9	8	2	-2	-7	5	38
41	15	-1	-22	-29	2	18	25	5	-13	-13	-9	-10	-19	-27	-28	-17	16	24	36
31	22	6	-8	-28	-38	-29	-5	27	13	-5	-17	-24	-33	-22	9	22	19	1	-5
-5	18	30	47	10	-24	-31	-29	-14	-9	-4	-3	-3	-6	-14	-18	-17	-8	2	13
23	34	37	21	0	-19	-30	-3	3	5	-4	-20	-15	5	6	8	7	12	14	14
-18	-25	-15	13	30	39	26	3	0	-9	-12	-14	-22	-28	-31	-20	1	13	14	4
-2	9	23	20	4	-8	-13	-14	-8	-7	-4	0	6	14	18	12	0	8	22	30
31	19	7	-23	-47	-43	-39	-12	4	15	15	7	-5	-15	-23	-12	12	35	55	42
1	-35	-51	-28	-14	8	16	3	-17	-25	-4	9	22	7	-4	-13	-3	6	21	29
22	-9	-27	-28	-7	2	13	10	5	0	-6	-14	-13	0	12	21	30	30	9	-2
-3	-9	-9	-11	-11	-13	-15	-18	-19	-17	-13	-5	3	12	21	25	22	16	11	5
-2	-7	-12	-13	-9	-3	2	-8	-10	-7	5	13	7	2	0	4	7	10	4	-6
-11	-9	-6	2	7	9	3	-8	-11	-13	-10	-7	-2	3	8	13	20	18	11	-3
-13	-11	-9	5	4	-4	-10	-7	0	6	14	2	-11	-22	-18	-6	3	10	10	3
-5	-7	-3	1	6	1	1	-4	0	1	3	4	3	3	5	8	8	3	-6	-9
-9	-3	2	5	5	3	0	-3	-2	0	4	6	9	9	5	-1	-3	0	5	5
9	10	4	-4	-13	-19	-26	-21	-16	-10	-1	0	-8	-3	-1	2	8	15	23	21
7	-3	-10	-7	-4	-1	5	7	-3	-6	-11	-10	-8	-3	2	8	11	10	8	6
3	0	-2	-2	-4	-2	3	5	4	1	0	-3	-4	-3	0	1	3	3	10	12
10	11	10	-3	-17	-19	-16	-11	-4	5	8	8	4	0	3	12	16	12	8	2
-3	-9	-11	-10	-10	-3	6	5	5	2	-1	-5	-8	-12	3	10	9	11	9	8
4	-1	-8	-16	-23	-31	-33	-27	-10	3	14	24	-21	14	12	8	6	3	1	-2
-2	-9	-9	-7	-5	0	0	5	8	14	9	2	-14	-30	-26	-20	-1	15	18	19
11	3	0	3	4	7	3	1	-3	-7	-7	-1	0	3	4	6	6	6	6	6

4	-2	-8	-9	-5	-3	3	11	16	15	6	-17	-17	-15	-10	-3	7	13	10
8	5	3	2	2	14	15	7	0	-7	-12	-13	-8	-7	-4	-1	1	3	4
-10	-5	0	3	0	-3	5	5	2	2	-4	7	8	9	5	-6	-12	-16	-15
1	0	4	5	3	2	-2	1	1	-1	5	-10	-8	-4	0	-8	-3	10	6
6	-6	9	-2	-2	2	-4	-3	-7	-13	-10	-1	-7	-13	5	3	1	3	7
-5	-11	7	9	3	-3	10	-18	-21	-21	-18	7	2	9	17	20	15	6	5
0	-1	-2	-4	-3	0	-2	-8	-9	-3	1	12	11	0	-5	-11	-8	-6	-1
7	10	16	8	2	-5	-10	-13	-12	-7	-3	6	11	-2	13	9	3	0	0
2	3	9	11	6	3	3	0	-5	-8	-7	1	5	8	1	-5	-6	-3	-1
1	-6	3	-2	5	1	5	8	5	4	2	-3	-5	-6	-6	-6	-6	6	6
-7	-6	-5	-2	5	14	14	15	14	7	-1	-10	-10	-8	-3	-7	1	6	10
5	4	16	1	0	0	0	0	-1	-2	-8	-10	-11	-11	-10	-7	-1	3	5
17	18	4	9	4	2	-1	-3	-5	-6	-7	-9	-10	-11	-10	-9	-3	-3	-1
6	5	-5	2	-1	-2	-2	-2	-2	-2	-2	-3	-6	-6	-12	-4	-11	-8	-5
-1	-4	0	-5	0	0	4	8	11	11	8	1	-5	-9	-12	-12	-3	-3	-3
-2	0	-4	0	-3	-1	-1	0	1	4	7	4	2	0	-2	-3	5	5	5
-4	-4	4	-4	3	-3	-3	-3	-3	-3	-3	-12	-9	3	4	4	7	9	9
5	5	4	4	3	-2	0	-5	-7	-8	-10	-12	-9	-6	-1	-4	5	5	5
6	4	1	-1	-3	-4	-4	-4	-3	-2	0	2	3	4	4	5	5	4	4
3	-6	-5	-3	-2	0	2	5	7	8	3	6	7	2	3	1	0	-1	-4
-7	-6	-7	-4	-3	0	3	3	3	3	2	-1	1	1	1	2	2	4	0
-3	2	0	-1	-2	-2	-1	-5	0	-3	-4	-4	-3	-2	-1	0	3	3	3
2	1	7	-8	9	-4	-4	6	4	0	-1	-1	0	-3	-1	7	1	3	4
6	6	-5	8	-5	7	7	7	7	5	-1	-2	-4	-5	-5	7	6	2	2
3	-2	4	3	3	3	2	1	0	-1	-1	1	3	3	6	-3	0	1	3
1	1	2	2	2	1	0	1	2	2	0	1	3	3	2	0	4	4	-2
-1	0	0	2	3	3	3	1	1	0	-2	-3	-3	-2	-1	4	-1	-3	3
-3	-2	-1	-1	-4	-1	0	7	2	1	-2	-3	-3	-2	-2	4	1	1	1
-6	-7	-8	-4	1	3	0	0	-1	-1	0	-1	-1	-1	-3	-2	-3	-4	-5
-5	-4	-5	0	1	2	2	-1	3	3	3	0	2	1	-2	-5	-7	-6	-10
-8	-8	1	-4	-2	-1	-1	-7	-8	-1	-9	-6	-6	0	0	1	2	2	5
3	3	2	-1	-3	-4	-6	-4	-3	-10	-6	2	4	5	-5	-5	4	3	2
2	0	-1	-2	-3	-6	-4	-5	-5	-1	1	-2	-2	-4	-7	-9	-1	-2	1
3	3	7	7	6	5	3	5	4	2	5	-4	-5	-6	-7	-9	-6	-2	1
2	5	7	3	3	6	5	3	4	2	-2	-4	-6	-5	-5	-5	-3	-1	0
3	3	6	4	4	1	1	5	-5	-5	0	-4	-5	-6	-7	-9	-6	0	1
2	1	3	7	6	6	3	8	5	-8	-7	-4	-5	-6	-5	-3	-1	0	1
-7	-6	-5	-2	0	14	15	0	5	4	-2	1	5	8	1	-5	-6	-7	-6
-1	-4	0	0	0	6	3	0	-5	-8	-7	1	5	8	-6	-6	-7	-7	-1
-2	-4	-4	-4	-3	1	5	8	5	4	2	-3	-5	-6	-6	-6	-6	-7	-6
5	5	4	4	3	-2	-3	-3	-3	-3	-12	-12	-9	3	4	4	7	9	9
6	4	1	-1	-3	-4	-4	-4	-3	-2	1	2	3	4	4	5	5	4	4
3	2	-5	-1	-2	0	2	5	7	8	5	6	7	2	3	1	0	-1	-4
-7	-6	-7	-3	-3	0	3	3	3	3	2	-1	1	1	1	2	2	3	0
-3	2	0	-1	-2	-2	-1	-5	0	-3	-4	-4	-3	-2	-1	0	3	3	3
6	6	-2	8	9	8	3	6	4	0	-1	-1	0	-3	-5	7	6	4	4
3	-2	4	3	3	3	2	1	0	-1	-1	1	3	3	6	-3	4	4	-2
1	1	2	2	2	1	0	1	2	2	0	1	3	3	2	0	4	4	3
-1	0	0	2	3	3	3	1	1	0	-2	-3	-3	-2	-2	4	-1	-3	3
-3	-3	-1	-1	-4	-1	0	7	2	1	-2	-3	-3	-2	-2	4	1	1	1
-6	-7	-8	-4	1	3	0	0	-1	-1	0	-1	-1	-1	-3	-2	-3	-4	-5
-5	-4	-5	0	1	2	2	-1	3	3	3	0	2	1	-2	-5	-7	-6	-10
-8	-8	1	-4	-2	-1	-1	-7	-8	-1	-9	-6	-6	0	0	1	2	2	5
3	3	2	-1	-3	-4	-6	-4	-3	-10	-6	2	4	5	-5	-5	4	3	2
2	0	-1	-2	-3	-6	-4	-5	-5	-1	1	-2	-2	-4	-7	-9	-6	-2	1
3	3	7	7	6	5	3	5	4	2	-2	-4	-5	-6	-7	-9	-6	0	1
2	5	7	3	3	6	5	3	4	2	-2	-4	-5	-6	-5	-3	-1	0	1
-7	-6	-5	-2	0	14	15	0	5	4	-2	1	5	8	1	-5	-6	-7	-6
-1	-4	0	0	0	6	3	0	-5	-8	-7	1	5	8	-6	-6	-7	-7	-1
-2	-4	-4	-4	-3	1	5	8	5	4	2	-3	-5	-6	-6	-6	-7	-7	-6
5	5	4	4	3	-2	-3	-3	-3	-3	-12	-12	-9	3	4	4	7	9	9
6	4	1	-1	-3	-4	-4	-4	-3	-2	1	2	3	4	4	5	5	4	4
3	2	-5	-1	-2	0	2	5	7	8	5	6	7	2	3	1	0	-1	-4
-7	-6	-7	-3	-3	0	3	3	3	3	2	-1	1	1	1	2	2	3	0
-3	2	0	-1	-2	-2	-1	-5	0	-3	-4	-4	-3	-2	-2	4	-1	-3	3
6	6	-2	8	9	8	3	6	4	0	-1	-1	0	-3	-5	7	6	4	4
3	-2	4	3	3	3	2	1	0	-1	-1	1	3	3	6	-3	4	4	-2
1	1	2	2	2	1	0	1	2	2	0	1	3	3	2	0	4	4	3
-1	0	0	2	3	3	3	1	1	0	-2	-3	-3	-2	-2	4	-1	-3	3
-3	-3	-1	-1	-4	-1	0	7	2	1	-2	-3	-3	-2	-2	4	1	1	1
-6	-7	-8	-4	1	3	0	0	-1	-1	0	-1	-1	-1	-3	-2	-3	-4	-5
-5	-4	-5	0	1	2	2	-1	3	3	3	0	2	1	-2	-5	-7	-6	-10
-8	-8	1	-4	-2	-1	-1	-7	-8	-1	-9	-6	-6	0	0	1	2	2	5
3	3	2	-1	-3	-4	-6	-4	-3	-10	-6	2	4	5	-5	-5	4	3	2
2	0	-1	-2	-3	-6	-4	-5	-5	-1	1	-2	-2	-4	-7	-9	-6	-2	1
3	3	7	7	6	5	3	5	4	2	-2	-4	-5	-6	-5	-3	-1	0	1
2	5	7	3	3	6	5	3	4	2	-2	-4	-5	-6	-5	-3	-1	0	1
-7	-6	-5	-2	0	14	15	0	5	4	-2	1	5	8	1	-5	-6	-7	-6
-1	-4	0	0	0	6	3	0	-5	-8	-7	1	5	8	-6	-6	-7	-7	-1
-2	-4	-4	-4	-3	1	5	8	5	4	2	-3	-5	-6	-6	-6	-7	-7	-6
5	5	4	4	3	-2	-3	-3	-3	-3	-12	-12	-9	3	4	4	7	9	9
6	4	1	-1	-3	-4	-4	-4	-3	-2	1	2	3	4	4	5	5	4	4
3	2	-5	-1	-2	0	2	5	7	8	5	6	7	2	3	1	0	-1	-4
-7	-6	-7	-3	-3	0	3	3	3	3	2	-1	1	1	1	2	2	3	0
-3	2	0	-1	-2	-2	-1	-5	0	-3	-4	-4	-3	-2	-2	4	-1	-3	3
6	6	-2	8	9	8	3	6	4	0	-1	-1	0	-3	-5	7	6	4	4
3	-2	4	3	3	3	2	1	0	-1	-1	1	3	3	6	-3	4	4	-2
1	1	2	2	2	1	0	1	2	2	0	1	3	3	2	0	4	4	3
-1	0	0	2	3	3	3	1	1	0	-2	-3	-3	-2	-2	4	-1	-3	3
-3	-3	-1	-1	-4	-1	0	7	2	1	-2	-3	-3	-2	-2	4	1	1	1
-6	-7	-8	-4	1	3	0	0	-1	-1	0	-1	-1	-1	-3	-2	-3	-4	-5
-5	-4	-5	0	1	2	2	-1	3	3	3	0	2	1	-2	-5	-7	-6	-10
-8	-8	1	-4	-2	-1	-1	-7	-8	-1	-9	-6	-6	0	0	1	2	2	5
3	3	2	-1	-3	-4	-6	-4	-3	-10	-6	2	4	5	-5	-5	4	3	2
2	0	-1	-2	-3	-6	-4	-5	-5	-1	1	-2	-2	-4	-7	-9	-6	-2	1
3	3	7	7	6	5	3	5	4	2	-2	-4	-5	-6	-5	-3	-1	0	1
2	5	7	3	3	6	5	3	4	2	-2	-4	-5	-6	-5	-3	-1	0	1
-7	-6	-5	-2	0	14	15	0	5	4	-2	1	5	8	1	-5	-6	-7	-6
-1	-4	0	0	0	6	3	0	-5	-8	-7	1	5	8	-6	-6	-7	-7	-1
-2	-4	-4	-4	-3	1	5	8	5	4	2	-3	-5	-6	-6	-6	-7	-7	-6
5	5	4	4	3	-2	-3	-3	-3	-3	-12	-12	-9	3	4	4	7	9	9
6	4	1	-1	-3	-4	-4	-4	-3	-2	1	2	3	4	4	5	5	4	4
3	2	-5	-1	-2	0	2	5	7	8	5	6	7	2	3	1	0	-1	-4
-7	-6	-7	-3	-3	0	3	3	3	3	2	-1							

4	3	2	1	1	2	3	2	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

DEAK VAIS ACIN = 12.3 CM/SEC/SEC AT 0.04 SEC VELO = 0.8 CM/SEC AT 0.08 SEC DISP = 0.4 CM AT 17.34 SEC

INITIAL VELO = 0.24306 CM/SEC INITIAL DISP = -0.13959 CM

2793 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.

10	115	123	61	-6	-64	-96	-38	11	-22	-12	26	45	-27	-48	-48	-2	41	53	34
0	-33	-40	-18	11	37	3	-26	-27	-17	-5	27	67	65	-31	-61	-43	-37	-20	8
46	42	-7	-38	-67	-5	-7	-21	-12	11	25	6	17	-14	-2	21	24	13	-1	-23
-20	-5	6	27	24	-2	-30	-21	-10	0	16	7	-14	-28	-24	7	14	-7	-20	-29
-5	8	-1	-2	-10	-12	-1	7	13	-1	-14	-25	-9	0	12	15	13	3	-3	-16
-10	10	32	-10	-22	-27	-3	-8	-20	-13	-6	13	20	-2	-9	-15	-3	1	-5	-13
2	17	10	2	-10	6	19	0	-31	-16	7	21	26	8	-1	-18	-14	-2	1	4
-7	-17	-20	-13	0	20	38	13	3	-32	7	19	0	22	3	2	-11	-12	12	16
7	-1	-1	17	8	-4	-23	-32	-17	3	19	6	-2	-5	-11	-13	-16	-5	14	28
29	11	-4	-27	-33	-20	-6	7	17	9	-10	-8	-2	29	56	10	0	-35	-19	-1
11	11	4	1	-4	-7	-7	-8	-4	3	18	17	14	6	0	-6	-6	-26	-27	-18
11	13	-6	-11	-4	7	0	-15	-9	5	20	3	-6	-37	-25	-7	12	30	26	27
20	10	-2	-18	-17	-10	-3	7	16	22	30	28	19	14	4	-2	-13	0	4	-10
-19	-23	-6	4	21	32	31	14	5	14	-8	-26	-38	-4	30	49	51	32	4	-21
-34	-18	-10	4	17	5	4	-10	-21	-11	0	-22	-42	-31	-22	-10	-4	18	43	16
3	-11	13	18	25	24	17	6	-14	-13	3	8	-8	-20	-8	1	10	19	3	4
-20	-9	5	20	13	4	-5	17	10	-5	-11	-27	-33	-35	-27	-15	4	19	7	-22
-5	-1	10	14	4	-1	-12	-8	2	17	30	17	13	2	-5	0	18	7	-8	30
-35	-11	0	23	26	5	-18	-22	-6	1	5	-17	-24	-27	-4	9	17	22	30	-20
24	13	3	-7	-15	-11	-6	-15	-18	-16	-6	-2	-3	-3	-9	-7	2	14	11	-1
-11	-28	-3	7	28	32	8	7	2	-1	-5	-9	-14	-17	-24	-32	-22	-5	1	19
15	-1	-13	-34	-16	-8	3	16	28	38	39	36	29	16	3	-12	-28	-34	-16	-8
9	10	2	-7	-21	-21	-11	-5	16	24	18	8	16	21	27	20	3	-12	-30	-24
-13	1	14	29	20	0	-18	-40	-28	-18	-3	14	20	7	-4	-8	-3	16	24	43
17	2	-26	-46	-33	-28	-18	-5	-4	-1	5	9	15	8	0	-4	-1	13	12	-2
-14	-27	-16	7	17	40	37	18	4	-10	-17	-20	-25	-18	-7	6	12	0	-6	-21
-14	-2	14	17	11	2	-13	-11	0	1	9	14	12	5	0	-8	-16	-21	-14	-9
4	0	-10	-21	-24	-10	5	21	17	8	-6	-10	0	6	16	19	12	3	-10	-21
-17	1	11	16	4	-1	-20	-22	-10	1	11	31	21	12	2	-15	-17	-10	-3	4
11	13	7	4	-1	-6	-14	-17	-16	-11	-4	4	19	13	6	-2	-13	-19	-4	-4
9																			

4	0	-2	4	5	-2	3	3	-3	2	2	1	3	5	-2	0	3	2	2	-4	0	-3	-1	3	3	1	2	-3	-1	-2	-2	0	1	1	4	3	3	1	-1	2	1	-2	-1	-4	2	3								
4	0	0	3	5	-3	3	1	1	3	1	1	4	5	-4	0	3	2	2	-3	0	-4	-1	2	2	1	3	-3	-2	-2	-1	0	1	1	2	5	3	4	1	-2	1	1	-2	-1	-4	2	3							
3	-1	1	0	5	-4	2	1	1	2	2	-2	2	-1	0	4	5	-4	0	2	2	1	-1	0	0	1	2	0	3	-3	-2	-2	0	1	0	4	5	3	5	1	-2	1	2	-3	-2	3								
2	-1	1	1	1	-3	2	1	1	0	2	-2	0	-2	0	0	2	3	-4	0	0	2	2	0	0	0	0	1	0	3	-3	-2	-3	1	0	0	5	4	2	5	1	-2	0	2	-1	-3	-4	2	3					
1	-2	1	-3	0	-3	-1	0	0	-1	-1	-1	-2	-1	1	0	2	-4	0	0	0	2	0	-1	-1	-5	0	0	0	3	-2	-1	-3	2	-2	0	6	2	1	1	6	1	-2	0	1	-1	-3	-3	-2	2				
-1	-2	1	-3	0	-3	-2	0	0	-3	-1	-2	-2	0	1	-2	0	0	-3	-3	0	0	-1	-1	-1	-5	0	0	-1	-1	-2	-1	-4	3	-2	-1	5	1	1	5	1	-1	0	1	-1	-2	-3	-2	2					
-4	-2	1	-5	0	-1	-1	0	0	-4	-2	-3	2	1	-3	-3	0	0	-1	-2	-1	-1	-2	-1	-2	-1	-4	0	-3	-1	1	-1	0	-4	4	-1	-1	4	0	1	1	4	1	-1	0	0	-1	-3	-3	-2	1			
-5	-2	1	-4	0	0	-1	0	0	-6	-2	1	3	2	-3	-5	0	0	0	0	2	2	-1	-2	-2	-2	-4	0	-3	-1	0	-5	4	0	-1	-1	4	-1	1	3	1	0	1	0	0	-3	-3	-2	0	8				
-4	-2	1	-2	0	2	1	0	0	-7	-2	1	4	2	-4	-6	-2	0	2	2	1	-1	-1	-3	-2	-2	-2	-1	-1	-2	0	-5	4	2	-1	-1	4	-2	0	1	1	1	2	0	0	1	-3	-3	0	8				
-2	-1	1	-1	0	4	2	0	0	-9	-2	2	5	2	-2	-7	-3	0	3	3	1	-1	-1	-2	-2	-2	-3	0	0	-2	-1	0	0	2	-5	4	2	-1	-1	4	-3	0	0	2	3	-1	0	2	-3	-4	0	6		
-1	-1	1	-1	1	5	3	-1	-7	-2	3	3	4	1	-1	-5	0	4	0	0	-1	1	0	-1	-2	-2	-2	-3	1	0	-2	-2	0	0	3	-5	3	1	-1	-2	3	-4	1	0	1	3	3	-1	-1	4	-2	-4	-1	5
2	0	1	-1	1	5	6	-1	-6	-1	5	3	3	1	0	-8	-5	-1	4	4	-1	1	5	-1	-2	-2	-1	-2	0	-3	0	4	-5	1	1	-1	-2	2	-4	1	0	2	4	4	-1	-1	4	-1	-2	-4	0	5		
7	0	1	-1	1	5	7	-1	-3	0	5	2	2	1	1	-7	-5	-2	4	4	-2	1	1	0	-1	-1	0	0	-1	-3	0	4	-4	1	1	-1	-3	2	-5	2	1	3	4	4	-1	-3	4	1	-1	-4	0	5		
9	1	1	-1	2	6	0	1	1	1	6	2	3	3	-6	-1	4	4	-1	1	1	1	1	0	-1	-1	3	0	0	-1	-2	0	4	-3	0	-2	-1	1	-5	2	2	1	4	4	4	-3	4	2	-1	-4	0	4		
7	1	1	-1	3	2	3	1	1	2	4	4	4	4	-6	1	4	4	-1	1	1	1	1	0	-1	-1	3	0	0	0	0	0	5	-2	-1	-3	-1	1	-5	2	1	3	3	3	0	-2	4	4	0	0	-3	0	4	
5	2	1	-1	4	1	3	2	2	2	2	1	5	4	-3	-5	1	4	0	1	-1	-1	2	0	0	0	0	0	0	0	1	0	2	-1	-2	-4	-1	-2	1	-5	2	2	1	3	3	0	-1	3	4	0	-3	-1	4	
2	3	1	-1	4	1	2	3	3	3	0	-1	6	4	-2	-5	2	3	1	1	-1	-1	2	0	0	-1	-1	-3	0	0	1	0	0	0	-2	-4	-1	-2	0	-4	2	2	1	2	3	1	0	1	4	0	-2	-1	4	
1	3	1	-1	5	1	-1	3	2	3	-1	-1	6	2	-1	-2	2	2	2	2	-1	-1	1	1	2	2	-1	-1	1	1	1	-1	0	0	-2	-4	1	-1	-1	-3	2	2	2	2	2	2	0	0	3	0	-2	-1	4	
-1	4	1	-1	5	2	-1	3	1	4	-3	0	6	1	1	0	1	1	3	2	0	-4	1	1	1	1	-2	-3	2	2	3	1	-2	0	-2	-4	1	0	-3	1	3	2	2	2	2	2	0	-2	-1	3				
-2	4	1	-2	5	3	-2	3	1	4	-3	1	5	2	2	0	0	0	3	2	1	-4	1	1	2	2	-2	-2	2	2	2	2	-2	0	-2	-4	1	1	-3	0	3	2	2	2	2	1	-1	1	0	0	-4	-1	3	

11T276 38.004. IMPERIAL VALLEY EARTHQUAKE JUNE 6, 1938 - 0437 PST
 STATION NO. 117 EL CENTRO, IMPERIAL VALLEY IRRIGATION DISTRICT
 INSTR PERIOD = 0.097 SEC DAMPING = 0.552 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

EPICENTER - 00 00 00N, 000 00.0
 COMP UP 32 47 43N, 115 32.5

PEAK VALS ACCLN = -3.9 CM/SEC/SEC AT 0.50 SEC VELO = -0.6 CM/SEC AT 25.72 SEC DISP = 1.0 CM AT 22.90 SEC

2792 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.

-3	11	-38	0	29	14	-17	-6	17	20	22	3	-37	-24	1	6	34	27	15	6
-6	4	15	5	-26	-39	-6	10	-2	0	18	21	5	-1	-7	-5	1	9	7	2
-4	0	0	3	2	-2	-14	10	30	0	-21	-25	-8	3	5	9	31	25	2	-27
9	13	-4	-18	5	10	0	-23	1	33	34	-6	-1	-6	-9	-20	-20	11	19	-4
-4	5	7	8	2	-2	-8	-3	0	3	5	-4	-8	6	5	-6	-9	-13	1	23
0	-24	-20	9	8	1	-8	0	6	-3	-4	-2	2	5	8	3	-14	-18	-10	0
4	-6	-13	9	10	-7	-5	0	2	3	8	4	-6	-10	-8	-3	2	6	11	10
5	2	-2	-4	-3	-2	-5	-8	-14	-6	11	4	-2	8	4	0	-3	1	2	2
3	5	1	-15	2	19	10	0	-9	-5	-7	-2	5	5	-7	-6	-2	1	4	4
-1	-10	-16	-3	4	5	-3	-1	-9	-12	-19	0	13	2	-2	5	1	-4	3	12
8	4	0	-4	-4	0	3	11	14	11	2	-5	0	4	-1	-1	1	8	12	2
-7	-4	14	8	2	-2	13	13	2	-3	-5	5	13	9	0	-13	-11	6	16	9
-3	0	1	4	2	2	2	4	5	-4	-9	-7	5	16	-3	-1	6	4	-4	8
11	6	5	9	6	4	-3	-7	-5	0	4	12	7	1	1	1	0	-13	-24	-12
-6	7	11	4	2	-2	-8	-1	-9	-9	-7	0	5	7	7	7	6	-4	-11	-2
3	4	0	-2	-7	-8	-14	8	1	0	5	14	8	1	0	-2	-2	0	1	4
6	5	-1	-3	-1	4	-3	-19	-3	5	5	6	8	9	8	-11	-7	-1	-1	-7
-4	6	4	-1	-2	-2	0	1	4	6	1	-1	-3	1	5	-3	-12	-10	0	4
7	-2	-5	-5	-4	-7	-9	-8	0	5	14	12	2	-1	-7	-10	-6	0	-2	-11
-13	-12	-4	1	7	12	18	18	9	-11	-9	-2	-2	2	1	2	0	0	0	-1
1	4	3	2	0	-2	-3	-1	-1	-4	-2	3	1	-3	-3	-1	3	3	5	1
0	-4	-8	-6	-4	-1	0	4	0	-11	-10	0	1	6	3	2	0	-2	-4	-5
-5	-5	-3	-3	-3	-2	-1	0	2	2	3	2	2	0	-6	-6	-2	2	1	0
-3	-2	-1	-1	-2	-2	6	3	0	5	5	3	-1	-4	-4	-4	-4	-4	-4	-3
0	-1	1	-2	-6	-6	2	-1	0	1	0	-2	-5	-5	-3	-3	-3	-3	-4	1
2	2	4	0	-1	-4	-2	-1	-1	0	4	8	6	3	2	-2	-5	-7	-6	3
6	0	2	2	-1	-1	4	6	3	0	-2	-5	-12	-13	-6	-2	7	8	1	-2
-7	-6	-3	5	2	-1	-3	-6	-5	-4	-2	3	0	-4	-4	-4	-4	-3	-2	5
4	-2	-5	-8	-8	-4	-2	0	1	3	-3	-6	-5	-3	-2	1	4	4	-2	-7
-11	-7	-4	0	2	5	5	2	-2	-7	-9	-5	1	5	4	3	3	4	3	-3
-10	-10	-5	-2	-4	3	3	6	4	0	-2	-6	-7	-4	-1	0	-1	-2	1	2
0	0	-1	-3	-10	-7	2	3	4	3	1	0	1	-1	-2	1	2	0	0	1
-1	-1	-2	5	1	1	0	-1	-5	-3	0	3	10	9	2	-3	-4	-6	-6	-3
0	4	5	1	1	-1	-1	1	7	6	0	3	5	2	-1	1	3	-3	-4	-7
-5	1	5	4	0	4	3	-3	3	2	-2	-1	-1	-2	-1	-2	-1	0	3	2
0	1	1	-1	0	5	0	4	4	-1	0	0	1	2	3	1	-4	-1	4	2
2	7	7	2	7	6	5	1	0	-1	0	1	1	1	2	2	-2	1	4	4
5	6	3	2	2	3	3	3	4	2	-1	1	4	-1	5	3	-3	0	2	3
2	0	-1	-1	-1	1	3	4	-2	1	-4	1	1	1	2	1	0	-2	4	4
-1	2	2	2	2	1	3	4	-2	2	4	1	4	1	3	3	-3	0	2	3
-1	2	0	-1	-1	4	2	4	-2	2	4	1	4	1	2	1	0	-2	-2	-5

3	-2	-3	-2	1	-2	1	1	5	0	-1	0	-3	-2	-8	-3	-4	0	-1	-3	0	1	-1	2	7	1	2	-3	3	5	0	-3	3	2	3	0	-3	-1	2	0	-3	-2	0	2	2	2	-5	-2	-5
0	0	-2	3	0	0	1	-2	4	1	4	0	-2	-2	-6	-9	-2	-2	-3	-1	-1	-2	0	6	1	5	5	1	1	5	0	-2	5	2	3	-1	-5	-2	2	-1	0	0	0	2	1	-2	-3	-3	
-4	-1	-2	4	2	-4	2	0	0	3	4	1	-3	-7	-8	-2	-1	-3	-5	-1	-1	0	1	5	1	5	2	2	1	5	3	3	2	3	1	-4	0	1	-2	1	3	-1	2	1	-1	-4	-2		
0	1	-1	4	4	-3	0	0	2	3	2	1	-9	-1	-1	-1	-4	-6	-1	-1	0	-1	4	2	5	5	3	2	2	5	4	0	1	2	5	1	-2	-2	0	-2	-1	-1	0	0	-3	-4			
-4	3	1	3	4	0	2	3	2	-1	3	2	-2	-3	-7	0	3	-3	-7	-2	1	2	2	3	1	5	9	2	5	4	-4	-2	3	5	-1	-1	-2	-1	-1	-3	0	-2	0	-3	-2	-3			
-3	-4	3	1	2	-1	1	6	2	-1	4	1	-2	-3	-5	1	4	-2	-8	-3	3	-2	2	3	3	1	5	9	2	5	4	-2	1	6	2	0	-3	-1	-3	-1	4	2	1	-1	-1	1			
-1	2	7	2	2	-6	0	3	2	0	3	-4	-2	-5	-1	1	2	-2	-7	-4	3	-1	2	3	0	2	1	4	7	3	5	3	-1	-2	4	-1	-3	1	-2	0	-2	-2	1	-2	-3	1			
1	-1	7	-2	2	-3	1	1	0	0	2	-1	-1	-4	1	-1	2	-5	-5	-1	0	2	2	3	0	4	6	9	5	3	0	-2	0	-2	3	-2	-1	0	-1	-2	-1	1	2	-3	-5	-5			
3	-3	-2	-2	1	-2	-4	2	0	-1	-1	0	1	-2	3	-2	1	-3	-2	-5	1	1	3	-1	5	-3	5	7	8	3	0	-2	0	-1	4	0	-2	-2	-2	-1	1	-1	-3	-4	0				
5	-1	2	0	1	-3	-5	-5	1	-3	-3	-3	1	-1	3	-3	-4	0	-5	1	1	0	3	-3	4	-3	5	6	7	1	1	-2	-1	6	1	0	-3	0	-2	0	2	-3	0	-2	-2				
7	0	3	6	1	-2	-6	-1	-1	-3	-2	-2	3	0	3	-3	-3	0	-4	1	2	1	0	-2	-3	4	5	4	-1	2	0	2	0	5	1	1	-1	2	-2	-2	0	-4	-3	-5					
7	0	1	4	2	1	0	-4	-2	-3	0	2	1	-4	-2	-3	-5	1	-4	1	0	-3	2	5	-1	2	4	4	4	2	2	1	-3	3	1	2	-3	-1	-3	0	2	-2	-3	-5					
4	0	0	2	3	3	-4	1	0	-1	1	2	-1	-3	2	-3	-7	1	-4	1	-4	-3	2	-1	3	-2	4	3	4	1	3	2	0	-6	1	1	-2	-2	-3	1	2	-2	-2	-3					
4	1	1	4	3	6	3	-1	1	1	3	0	-2	-3	2	-4	-7	1	-4	1	-4	0	-1	-1	-1	3	3	2	-1	1	3	0	4	0	1	1	1	0	-2	-1	1	-1	-1	-3					
1	1	1	0	3	1	4	3	0	3	5	3	-7	-3	2	-3	-7	-1	-4	0	-4	-1	0	0	-1	0	2	3	2	0	-1	2	0	2	2	-2	1	1	1	-1	0	3	3	-1	-2				
-1	0	1	1	-2	0	-1	7	7	4	2	1	-7	-4	-5	2	-2	-4	-4	-1	-5	1	0	2	0	2	2	3	3	2	2	1	1	1	1	1	-3	-1	-2	0	2	3	-1	-3					
2	0	1	1	-2	-1	3	5	-3	4	3	-1	-6	-3	-5	2	-2	-5	-3	-2	-6	3	0	-4	1	1	1	3	4	1	1	1	2	3	1	1	-1	-1	-6	0	2	1	1	-2	-2				
-1	1	1	1	0	-6	3	4	2	3	6	-1	-2	-5	2	-1	-4	-3	-3	-3	-5	1	2	3	1	0	0	2	5	3	0	-3	2	3	-1	0	1	0	-4	-2	-1	0	-2	-2					
-1	2	1	-3	-5	-3	3	2	3	3	3	-2	-5	-1	2	-2	-4	-3	-2	-2	-5	1	2	2	3	2	0	2	4	5	1	-1	3	3	2	-3	-3	1	0	5	-3	-4	1	-1	0				
4	5	0	-3	-1	-4	-5	2	0	-3	-1	-1	-3	-4	1	-3	-3	-5	-2	-2	-4	2	6	2	2	0	-4	-4	5	4	-1	2	3	3	-1	-1	1	2	3	-6	-4	1	1	3	-3				

[illegible]

IIT277 40.001.1 IMPERIAL VALLEY EQ. AFTERSHOCK MAY 18, 1940 - 2037 PST +45.5 SEC. EPICENTER - 00 00 00N, 000 00 0
 STATION NO. 117 EL CENTRO, IMPERIAL VALLEY IRRIGATION DISTRICT COMP MORT 32 47 43N, 115 32 5
 INSTR PERIOD = 0.099 SEC DAMPING = 0.552 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

PEAK VALS ACCLN = 22.5 CM/SEC/SEC AT 5.36 SEC VELO = 5.7 CM/SEC AT 12.76 SEC DISP = -3.5 CM AT 12.06 SEC

INITIAL VELO = -0.44880 CM/SEC INITIAL DISP = -0.25959 CM

1025 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.

-8	35	-19	43	52	76	96	108	104	100	61	43	45	39	40	34	17	3	-4	-10
-10	-12	-19	-30	-43	-81	-104	-106	-116	-112	-104	-86	-85	-79	-76	-71	-46	-7	39	77
96	103	93	78	34	-16	-19	-35	-40	-48	-50	-52	-51	-57	-60	-64	-58	-64	-32	-4
-6	3	4	9	13	32	72	75	82	85	89	105	113	110	111	103	92	85	79	73
67	60	55	48	39	30	21	11	6	6	5	13	20	22	23	16	9	-9	-27	-47
-55	-58	-57	-49	-43	-21	2	9	39	72	99	104	107	101	94	79	62	28	-2	-13
-31	-41	-66	-75	-74	-78	-76	-83	-89	-96	-104	-104	-101	-99	-95	-93	-91	-91	-89	-91
-93	-95	-93	-91	-78	-66	-64	-60	-61	-59	-60	-57	-55	-52	-47	-37	-27	-4	12	16
17	4	-16	-15	-10	0	11	13	10	8	5	2	8	15	19	21	18	10	-4	-16
-23	-27	-22	-10	-10	-17	-24	-30	-29	-26	-26	-34	-41	-50	-56	-42	-31	-28	-26	-23
-25	-19	-15	20	59	61	77	80	82	81	82	81	75	66	51	36	33	30	27	31
33	36	27	22	-21	-15	5	-2	6	-1	-2	-8	-10	-11	-10	-10	-8	-7	-6	-4
-4	1	6	6	7	9	15	31	48	69	77	71	65	57	42	19	0	9	51	95
102	80	40	-1	-60	-25	48	167	225	164	146	77	109	2	-77	-197	-191	-86	94	112
80	47	-6	-85	-80	6	78	124	61	16	39	117	71	32	2	22	29	4	-42	-71
-33	12	59	103	19	-52	-126	-66	-33	43	41	18	2	-20	-14	0	17	18	8	-7
-23	-51	-84	-104	-76	-37	27	55	35	2	-37	-71	-103	-37	20	63	55	28	13	33
48	74	60	67	62	64	42	19	-9	-33	-64	-68	-62	-52	-55	-59	-60	-54	-48	52
90	91	92	78	58	74	87	74	45	32	3	-2	4	12	-2	-15	-53	-70	-74	-68
-41	-2	-13	-19	-48	-49	-51	-47	-51	-63	-88	-119	-130	-126	-134	-145	-130	-95	-52	-32
-47	-45	-49	-52	-66	-80	-84	-74	-43	-16	-17	-26	-45	-52	-58	-56	-51	-43	-7	27
17	1	-25	-29	-36	-23	-7	12	19	19	-13	-58	-62	-38	-5	15	-1	-7	-32	-27
6	17	3	-6	-21	-4	16	38	51	42	35	25	16	7	-2	-2	-2	-2	0	7
16	28	32	28	26	21	21	22	38	52	64	61	62	53	39	36	34	32	31	26
16	3	-11	-14	-15	-16	-14	-14	-13	-12	-13	-18	-14	-4	0	-6	-10	-19	-13	16
38	67	91	89	86	80	61	42	5	-27	-13	-18	-113	-129	-137	-122	-123	-3	24	51
68	74	74	70	49	27	19	13	11	10	10	-6	-4	-33	-57	-60	-55	-47	-50	-54
-63	-76	-89	-90	-63	-23	29	75	76	76	60	31	14	15	18	29	17	-9	-29	-58
-63	-48	-31	-21	-23	-22	-23	-23	-24	-23	-24	-22	-22	-22	-25	-27	-24	-12	-2	40
50	60	64	63	52	27	0	7	12	14	10	11	19	40	64	90	102	103	95	80
57	45	49	80	98	118	137	145	151	148	129	112	99	97	104	131	134	142	145	127
100	57	40	45	47	56	52	40	15	8	8	28	56	64	72	68	56	34	-1	-23
-47	-68	-69	-64	-57	-14	-4	-1	-3	-8	-14	-19	-20	-22	-24	-25	-26	-24	-21	-18
-16	-25	-39	-62	-86	-107	-115	-118	-115	-113	-111	-115	-113	-112	-110	-109	-106	-105	-102	-101
-97	-97	-88	-80	-63	-44	-54	-82	-92	-97	-97	-91	-88	-69	-47	-37	-34	-42	-60	-92
-98	-83	-53	-13	10	20	33	26	24	21	20	18	16	10	-7	-30	-37	-43	-41	-36
-28	-19	20	40	60	63	62	54	40	29	20	18	24	34	49	45	31	23	20	20
30	46	64	64	66	65	66	67	70	66	65	42	16	16	4	2	-5	-5	-3	14
25	29	41	52	62	66	71	71	71	70	63	56	42	11	4	-5	-5	0	5	17
29	41	46	52	59	57	54	49	30	11	-1	-14	-22	-17	-4	16	21	18	16	9

[illegible]

IIT277 40.001.1 IMPERIAL VALLEY EQ. AFTERSHOCK MAY 18, 1940 - 2037 PST +45.5 SEC. EPICENTER - 00 00 00N, 000 00 0
 STATION NO. 117 EL CENTRO, IMPERIAL VALLEY IRRIGATION DISTRICT COMP EAST 32 47 43N, 115 32 5
 INSTR PERIOD = 0.100 SEC DAMPING = 0.528 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

PEAK VALS ACCLN = 24.1 CM/SEC/SEC AT 10.40 SEC VELO = 7.2 CM/SEC AT 12.26 SEC DISP = -7.4 CM AT 10.24 SEC

INITIAL VELO = -1.20847 CM/SEC INITIAL DISP = -0.51571 CM

1028 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.

-97	-57	-28	-12	-6	1	26	21	7	-5	-25	-43	-62	-82	-86	-70	-64	-57	-51	-38
-24	-5	14	34	51	63	54	45	34	42	51	68	104	110	95	78	78	36	-3	-1
-12	-9	-14	-30	-42	-46	-53	-62	-82	-92	-80	-64	-45	-24	-22	-17	-18	-20	-23	-26
-27	-25	-24	-25	-26	-28	-26	-13	6	28	34	38	41	40	38	36	29	21	16	15
23	33	45	46	53	65	74	80	74	71	64	61	74	85	99	112	107	97	88	75
64	53	56	60	70	80	90	85	80	73	67	70	62	57	51	50	50	52	52	40
23	6	-13	-30	-40	-37	-52	-36	-30	8	39	71	104	124	139	157	167	159	151	140
119	95	72	60	64	60	43	31	20	12	3	-2	-1	-3	-4	7	10	-13	-24	-33
-43	-56	-71	-83	-92	-103	-104	-97	-93	-90	-93	-98	-103	-105	-103	-106	-66	-50	-29	-22
-27	-28	-21	-13	-1	-6	-17	-29	-47	-62	-83	-82	-75	-76	-67	-39	-17	7	21	26
43	56	68	82	87	76	65	71	86	95	75	56	29	-4	-36	-54	-45	-40	-29	-22
-47	-85	-98	-90	-64	-42	-41	-40	-38	-52	-66	-73	-74	-77	-66	-43	-51	-61	-75	-59
-32	-31	-20	-1	3	7	21	1	-5	-14	-23	-28	-33	-38	-43	-48	-59	-70	-84	-97
-112	-113	-88	-59	-26	-6	-73	-132	-197	-234	-229	-240	-216	-185	-103	-20	77	49	26	35
-17	-70	-138	-169	-142	-123	-90	-58	-63	-97	-77	7	100	116	26	-22	-116	-108	-61	28
89	103	147	128	49	-4	33	58	49	68	97	127	118	78	52	4	-3	17	31	53
44	26	5	19	34	53	74	67	55	69	76	89	102	111	93	78	53	29	3	-24
-37	3	14	-22	-22	-54	-50	-64	-51	-53	-52	-42	-29	-40	-33	-14	22	45	15	-6
-36	-31	-28	-18	-8	3	12	21	30	37	20	7	-4	4	9	19	28	39	49	59
71	69	55	47	32	20	7	15	19	27	-3	-38	-76	-130	-148	-110	-80	-40	5	11
-17	-31	-63	-52	-38	-33	-42	-44	-56	-62	-75	-64	-36	-12	18	49	36	-22	-10	20
51	60	28	26	37	26	1	-6	4	-12	-28	-43	-17	5	34	18	-2	-27	-54	-83
-89	-81	-57	-30	-10	-7	-1	-1	2	3	6	8	10	12	14	16	18	20	23	33
42	54	52	43	44	35	17	3	-18	-17	-3	6	22	35	52	51	44	37	49	69
60	54	57	49	52	50	43	52	48	30	20	0	1	17	4	5	34	77	108	111
102	101	78	56	28	-3	-36	-56	-14	27	63	71	59	47	36	44	41	69	130	181
241	223	176	124	64	21	-3	-17	-20	-15	8	32	102	78	63	36	8	-22	-49	-69
-16	8	21	36	55	79	127	135	106	77	52	-8	-70	-92	-104	-72	-48	-32	-24	-48
-49	-57	-48	-44	-27	-10	9	25	41	56	71	87	98	90	75	55	37	14	11	27
40	51	34	22	3	-14	-15	2	25	50	70	69	61	50	48	43	46	57	59	50
44	34	25	13	26	37	56	77	75	73	69	47	23	-1	-27	-52	-79	-93	-75	-64
-44	-26	-5	6	3	2	-2	-12	-28	-40	-58	-71	-88	-62	-52	-53	-46	-46	-44	-43
-43	-42	-51	-59	-69	-59	-42	-21	-32	-48	-60	-62	-66	-67	-68	-69	-70	-74	-79	-86
-96	-107	-102	-80	-66	-41	-43	-52	-61	-73	-84	-81	-86	-80	-69	-69	-61	-42	-47	-56
-67	-61	-48	-53	-41	-41	-41	-53	-51	-62	-54	-32	-15	9	26	22	20	18	16	16
19	16	14	22	33	39	29	22	14	5	-3	-8	1	-6	-17	-26	-39	-45	-44	-45
-49	-48	-47	-46	-33	-44	-45	-44	-39	-32	-3	-9	2	-2	-12	-15	-9	-14	-28	-43
-58	-76	-78	-72	-45	-8	10	11	14	33	31	39	41	38	45	45	48	49	41	44
38	30	20	8	-3	0	3	-4	-11	-19	-24	-14	-7	-4	-3	6	13	14	25	29
24	36	50	63	77	66	58	46	34	20	17	33	43	61	63	48	37	19	4	5

[illegible]

IIT277 40.001.1 IMPERIAL VALLEY EQ. AFTERSHOCK MAY 18, 1940 - 2037 PST +45.5 SEC. EPICENTER - 00 00 00N, 000 00 0
 STATION NO. 117 EL CENTRO, IMPERIAL VALLEY IRRIGATION DISTRICT COMP UP 32 47 43N, 115 32 5
 INSTR PERIOD = 0.095 SEC DAMPING = 0.574 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

PEAK VALS ACCLN = 10.1 CM/SEC/SEC AT 5.70 SEC VELO = -3.4 CM/SEC AT 9.14 SEC DISP = -2.7 CM AT 9.92 SEC

INITIAL VELO = 0.59704 CM/SEC INITIAL DISP = 0.03312 CM

1025 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.

5	7	8	9	8	7	6	5	6	8	10	13	17	21	25	29	33	38	40	38
37	30	19	13	9	6	3	0	-6	-14	-22	-30	-37	-44	-51	-51	-51	-44	-39	-32
-26	-19	-14	-11	-14	-16	-28	-35	-48	-51	-44	-40	-57	-78	-71	39	-11	-20	-61	-52
-37	1	25	-3	-29	-74	-70	0	-27	-46	-21	-10	-9	29	34	29	14	1	-18	-34
-21	32	21	2	-16	-22	-23	-23	-22	-22	-22	-21	-21	-21	-17	-9	2	20	33	49
47	37	22	28	42	56	49	35	20	28	59	48	37	28	27	25	11	4	13	13
21	11	-5	-20	-18	-6	11	14	7	-1	2	16	28	24	10	-2	-10	4	12	28
26	16	6	11	20	31	20	-6	-14	0	13	7	-55	-32	-14	20	-12	-67	-63	-35
26	5	-15	-7	-18	-23	-20	-16	-21	-34	-42	-47	-52	-56	-60	-64	-63	-44	-20	-20
-9	-13	-30	-34	-32	-33	-37	-29	7	59	97	54	24	27	14	1	-2	22	78	92
58	41	2	7	32	21	9	20	16	1	-14	-25	-13	-4	15	13	1	-1	9	12
2	-7	-20	-18	-1	13	32	47	42	25	17	27	34	15	-6	-28	-12	13	46	57
28	16	4	12	25	19	11	-12	-24	-24	-27	-27	-23	-18	-3	22	43	35	25	12
8	27	23	23	24	26	22	22	17	20	41	87	88	59	35	14	55	67	38	14
-16	-11	-24	-7	52	101	79	51	17	-7	0	-11	-4	-19	-37	-59	-37	8	47	36
16	-4	-8	-31	-56	-49	-31	-25	-26	-22	-25	-36	-42	-47	-31	-14	7	16	-6	-25
-23	-7	3	23	1	-35	-53	-62	-63	-59	-52	-40	-16	-6	-24	-35	-37	-39	-37	-32
-28	-22	-19	3	24	-8	-32	-22	-22	-19	9	16	10	16	28	40	26	-25	-26	-4
22	26	-1	-15	-1	16	29	6	6	4	7	9	13	14	5	-5	-14	-19	-18	-20
-19	-19	-15	-12	-9	-13	-17	-22	-21	-19	-16	-11	-8	-12	-20	-19	-9	2	8	3
-5	-21	-34	-40	-40	-39	-34	-31	-25	-27	-31	-36	-35	-28	-7	-2	-3	-14	-28	-31
-38	-36	-30	-14	-14	-20	-37	-56	-58	-58	-51	-24	-7	-8	-14	-32	-54	-52	-31	-17
-13	-12	-19	-22	-21	-19	-20	-18	-22	-30	-42	-33	-10	-10	-8	-10	-6	0	1	1
0	24	36	29	25	25	31	47	64	64	66	64	64	62	62	57	50	38	26	33
44	47	47	46	65	84	70	58	45	45	43	44	44	44	48	57	65	56	45	31
26	32	31	32	31	29	36	50	57	64	64	54	46	37	44	49	43	38	34	31
31	37	42	36	21	22	37	34	39	46	57	40	21	20	17	19	20	21	22	18
13	7	1	-4	-5	-6	-13	-21	-29	-25	-21	-18	-17	-15	-13	-11	-9	-7	-3	2
6	5	3	1	-2	-2	-2	-14	-25	-27	-30	-38	-43	-45	-46	-46	-44	-42	-40	-39
-39	-39	-40	-41	-42	-41	-39	-36	-38	-35	-27	-22	-13	-17	-26	-30	-34	-41	-49	-44
-35	-37	-30	-24	-3	4	-10	-16	0	14	-11	-41	-35	-29	-28	-25	-22	-20	-17	-14
-12	-2	1	-1	-14	-29	-27	-30	-27	-24	-20	-23	-27	-30	-30	-31	-31	-29	-28	-29
-32	-35	-38	-38	-35	-32	-25	-17	-14	7	10	15	19	19	14	10	2	-3	-2	0
3	7	8	6	4	6	18	19	13	14	17	17	16	16	35	35	20	12	11	11
12	14	21	38	36	30	25	23	22	21	20	19	19	19	19	19	19	19	18	17
16	16	15	14	11	7	2	-2	-7	-9	-5	0	6	8	6	4	1	-1	-3	-6
-8	-10	-13	-14	-16	-13	-2	2	-1	-4	-8	-13	-15	-15	-15	-15	-15	-15	-15	-11
-4	4	18	33	38	22	20	18	17	16	16	15	15	14	14	13	12	11	10	8
8	9	10	11	13	12	10	9	7	5	4	2	0	-2	-4	-6	-8	-7	-9	-15
-26	-13	8	32	28	-5	-12	-6	-10	-6	-3	-3	-3	-1	-1	1	1	1	0	0

[illegible]

111278 40.001.2 IMPERIAL VALLEY EQ. AFTERSHOCK MAY 18, 1940 - 2037 PST +84.0 SEC. EPICENTER - 00 00 00N, 000 00 0
 STATION NO. 117 EL CENTRO, IMPERIAL VALLEY IRRIGATION DISTRICT COMP MORT 32 47 43N, 115 32 5
 INSTR PERIOD = 0.099 SEC DAMPING = 0.552 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

PEAK VALS ACCLN = -11.9 CM/SEC/SEC AT 9.62 SEC VELO = -4.3 CM/SEC AT 10.18 SEC DISP = 3.2 CM AT 9.44 SEC

INITIAL VELO = 1.25530 CM/SEC INITIAL DISP = 0.83148 CM

1022 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.

-16	-18	-17	-17	-21	-24	-27	-28	-29	-31	-31	-28	-25	-22	-20	-21	-23	-24	-26	-28
-29	-29	-28	-29	-24	-21	-18	-14	-12	-12	-12	-11	-11	-16	-19	-24	-27	-27	-28	-30
-32	-34	-35	-35	-35	-36	-38	-40	-41	-40	-40	-39	-38	-36	-33	-30	-26	-22	-22	-21
-20	-19	-21	-21	-18	-12	-7	-6	-10	-13	-13	-21	-23	-24	-28	-30	-34	-36	-37	-38
-38	-38	-36	-36	-33	-30	-27	-24	-21	-17	-14	-11	-6	-2	6	19	27	28	26	23
18	12	8	8	18	24	27	31	34	37	39	42	44	47	49	52	57	60	61	63
64	64	67	69	72	72	66	59	51	43	38	39	42	45	47	43	39	35	33	32
31	30	25	19	13	12	10	9	8	7	7	9	11	9	6	2	-4	-9	-15	-16
-13	-14	-15	-13	-9	-6	-5	-5	-4	-5	-2	2	6	11	16	21	26	26	25	25
24	25	27	30	31	31	28	25	25	25	24	24	23	27	30	34	33	32	30	28
24	21	17	13	11	12	11	12	7	-1	-6	-5	-5	-4	-2	-2	-3	-5	-9	-15
-26	-26	-28	-28	-28	-25	-18	-11	-8	-11	-14	-19	-23	-22	-22	-17	-11	-6	-7	-14
-22	-23	-17	-11	-4	-4	-7	-12	-21	-22	-21	-17	-7	0	-4	-7	-10	-11	-12	-16
-20	-22	-23	-23	-23	-23	-23	-21	-18	-17	-18	-19	-20	-21	-22	-21	-19	-17	-14	-12
-10	-8	-1	7	9	13	15	19	23	28	30	30	31	31	31	29	28	26	29	25
16	12	18	43	66	64	68	58	42	16	-12	-61	-39	-34	28	41	42	28	14	-18
-28	-48	-39	-21	-10	5	15	14	-13	-39	-33	-36	-38	-24	-5	27	27	-1	-36	-71
-79	-70	-45	-10	5	8	-5	-28	-41	-40	-45	-29	-13	29	47	44	39	15	17	1
-10	-9	23	48	45	38	1	-16	-18	-15	-11	22	35	20	11	-4	-22	-21	-1	12
23	18	12	4	11	18	17	11	1	-10	-10	4	12	12	1	-4	-13	16	22	23
-1	-35	-25	-3	30	22	1	-21	-5	23	32	46	35	15	9	8	19	27	25	18
10	-5	-5	8	15	14	9	4	-14	-22	-22	-16	-8	0	7	0	2	4	5	5
1	-2	-4	0	4	-42	-43	14	4	-6	-9	-3	-1	-10	-21	-27	-20	-13	-16	-20
-35	-56	-62	-56	-50	-42	-49	-44	-49	-52	-53	-51	-55	-61	-67	-73	-69	-62	-68	-80
-106	-119	-118	-107	-76	-42	-49	-68	-82	-86	-87	-78	-63	-44	-39	-49	-57	-70	-60	-47
-33	-28	-29	-31	-33	-36	-33	-22	-12	0	11	23	32	33	36	37	39	38	32	26
12	9	28	45	58	49	43	32	14	10	36	57	71	55	47	30	27	25	45	65
66	60	38	22	45	60	71	55	49	36	40	46	57	59	49	39	29	21	11	8
6	8	29	41	45	45	44	43	39	35	30	25	21	18	23	28	37	49	50	46
40	28	20	9	8	15	20	31	46	50	46	34	20	6	3	1	0	1	5	8
10	4	-11	-27	-44	-61	-59	-54	-49	-37	-27	-15	-5	0	-6	-12	-19	-27	-33	-30
-22	-6	7	29	23	12	-24	-33	-43	-46	-36	-20	-11	-14	-20	-28	-38	-50	-46	-33
7	0	-12	-21	-36	-40	-33	-24	-14	-5	5	15	13	-6	-21	-23	-22	-18	-12	1
32	31	25	13	3	4	3	-2	-6	-11	-5	6	18	15	6	-10	-11	0	6	18
23	9	-20	-25	-32	-21	-5	12	17	11	0	-23	-27	-19	-12	12	30	35	34	29
23	20	16	17	26	37	57	49	36	20	7	-6	-19	-40	-62	-83	-87	-81	-73	-66
-56	-35	-3	28	29	40	34	24	14	14	17	18	16	15	12	9	5	5	12	11
7	4	0	7	14	18	15	10	-1	-9	-13	-15	-17	-18	-17	-14	-12	-8	-2	4
9	15	12	4	-3	-12	-18	-21	-26	-30	-36	-36	-35	-31	-20	-4	3	7	2	-2
-8	-6	1	9	11	6	-2	-16	-27	-31	-32	-22	-4	0	2	-3	-6	-9	-6	-3

[illegible]

IIT278 40.001.2 IMPERIAL VALLEY EQ. AFTERSHOCK MAY 18, 1940 - 2037 PST +84.0 SEC. EPICENTER - 00 00 00N, 000 00 00
 STATION NO. 117 EL CENTRO, IMPERIAL VALLEY IRRIGATION DISTRICT COMP EAST 32 47 43N, 115 32 5
 INSTR PERIOD = 0.100 SEC DAMPING = 0.528 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

PEAK VALS ACCLN = 14.4 CM/SEC/SEC AT 6.56 SEC VELO = -2.4 CM/SEC AT 5.60 SEC DISP = 1.4 CM AT 4.80 SEC

INITIAL VELO = -0.05784 CM/SEC INITIAL DISP = 0.30743 CM

1023 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.

-34	-38	-40	-42	-45	-44	-46	-51	-53	-53	-54	-50	-48	-45	-42	-39	-37	-27	-22	-18
-10	-4	-3	-1	0	1	3	3	3	3	3	2	6	9	10	13	15	17	18	18
19	19	19	21	24	25	24	25	23	26	32	35	34	33	30	32	36	40	42	42
44	44	45	45	44	43	38	33	31	31	31	31	22	11	8	6	5	-2	-14	-24
-21	-17	-21	-21	-20	-20	-19	-18	-17	-16	-15	-15	-14	-14	-16	-19	-21	-21	-21	-20
-19	-19	-18	-17	-16	-15	-15	-14	-14	-12	-11	-11	-10	-11	-9	-8	-1	13	14	14
14	13	20	22	20	19	19	21	22	23	27	33	38	41	39	37	33	33	30	27
24	21	22	21	22	23	23	24	24	25	24	23	23	22	21	19	18	15	16	16
13	11	11	10	6	3	8	6	6	7	11	16	14	13	18	18	19	19	21	23
25	25	26	26	23	16	14	14	9	4	-1	-5	-9	-13	-17	-18	-20	-22	-24	-25
-30	-32	-31	-32	-34	-36	-37	-36	-35	-33	-32	-31	-29	-27	-29	-32	-32	-29	-26	-23
-24	-25	-27	-23	-19	-18	-19	-19	-17	-15	-14	-11	-10	-11	-12	-13	-14	-13	-13	-16
-15	-13	-12	-11	-16	-20	-25	-26	-30	-35	-39	-44	-49	-53	-53	-53	-49	-47	-49	-50
-49	-47	-46	-48	-52	-47	-37	-30	-32	-34	-34	-29	-23	-20	-17	-15	-3	-2	-5	-2
-2	6	2	0	11	19	18	11	7	3	0	7	15	23	23	23	29	33	37	34
44	67	76	71	67	61	77	86	73	32	-20	-56	-80	-63	-52	24	49	14	-9	-24
-43	-19	10	0	40	77	99	117	144	120	103	70	33	30	33	45	105	77	33	-23
-60	-56	-12	42	32	41	35	35	27	28	45	46	51	46	32	22	6	-13	-9	-26
-61	-42	-15	10	-21	-32	-22	-37	-28	-20	-24	-6	-15	-14	-28	-21	11	14	16	-18
-24	-47	-57	-31	-13	4	7	5	4	-11	-20	-8	0	10	21	31	18	7	-10	-5
5	18	21	5	1	-4	-12	-5	4	20	38	50	24	21	8	-8	-23	-24	-12	-9
-20	-31	-43	-58	-57	-47	-39	-42	-61	-48	-39	-27	-36	-44	-51	-36	-16	-13	-33	-22
-26	-36	-33	5	-12	-21	-15	-5	-6	8	14	14	-1	-6	-23	-8	-6	9	24	11
17	18	11	17	12	38	37	21	12	22	35	36	25	28	28	14	5	-1	9	3
1	6	1	-6	-12	-15	1	-2	-4	2	-11	-15	-29	-17	-13	-11	6	15	16	5
-1	-15	-13	-5	4	5	-7	-7	-22	-24	-12	-17	3	1	-3	-1	-13	-19	-19	6
16	33	29	11	6	-6	-22	-20	-11	9	30	9	-3	-26	-37	-23	-12	5	18	10
14	1	0	15	12	-5	-12	-32	-25	-10	4	6	22	4	-10	-19	-34	-14	-7	0
20	19	12	9	-3	6	26	44	45	59	51	34	34	42	48	59	56	52	43	30
18	6	6	7	8	11	13	16	19	22	25	28	31	33	30	28	19	8	-3	-16
-27	-38	-47	-58	-63	-59	-54	-58	-72	-84	-83	-75	-69	-74	-82	-92	-93	-78	-66	-48
-27	-32	-39	-20	-29	-26	-17	-24	-20	-19	-39	-36	-23	-5	-8	-25	-41	-39	7	15
33	60	84	70	51	30	8	30	49	70	57	41	23	0	13	40	64	101	115	77
53	5	2	20	25	59	86	59	35	44	10	0	20	61	53	21	-2	-22	-18	13
19	-2	-13	-37	-27	-28	-11	-10	-16	-11	-28	-30	-8	10	8	8	13	10	4	-1
-9	-15	-26	-35	-44	-28	-32	-17	-10	-33	-42	-53	-73	-89	-106	-95	-93	-95	-70	-11
3	-2	-3	-11	13	47	51	37	30	11	4	3	-6	-12	-19	-26	-32	-39	-45	-50
-31	-13	8	31	50	40	32	21	21	20	29	39	42	37	25	9	1	7	11	23
37	52	57	48	39	29	27	27	31	33	30	27	20	10	1	-9	-6	-4	3	5
-3	-10	-17	-28	-27	-16	-7	-3	0	0	-6	-10	-16	-13	-9	-6	-1	-3	4	1

[illegible]

IIT278 40.001.2 IMPERIAL VALLEY EQ. AFTERSHOCK MAY 18, 1940 - 2037 PST +84.0 SEC. EPICENTER - 00 00 00N, 000 00 0
 STATION NO. 117 EL CENTRO, IMPERIAL VALLEY IRRIGATION DISTRICT COMP UP 32 47 43N, 115 32 5
 INSTR PERIOD = 0.095 SEC DAMPING = 0.574 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

PEAK VALS ACCLN = -9.7 CM/SEC/SEC AT 3.08 SEC VELO = 1.9 CM/SEC AT 15.84 SEC DISP = -1.5 CM AT 15.04 SEC

INITIAL VELO = 0.31126 CM/SEC INITIAL DISP = 0.20970 CM

1022 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.

-20	-22	-23	-24	-25	-22	-18	-14	-13	-12	-11	-11	-10	-10	-9	-9	-8	-7	-7
-7	-6	-6	-5	-5	-5	-6	-6	-7	-8	-9	-9	-11	-12	-13	-15	-16	-17	-19
-19	-20	-20	-21	-21	-22	-22	-22	-22	-22	-22	-22	-22	-21	-20	-18	-16	-14	-10
-6	-3	0	4	7	11	16	21	26	29	32	33	35	36	38	39	41	42	44
45	46	46	47	47	46	45	43	43	41	39	36	34	33	32	31	30	29	26
19	16	8	0	-5	-6	-8	-8	-8	-7	-9	-10	-12	-11	-9	-8	-8	-8	-8
-9	-9	-9	-10	-11	-11	-12	-13	-13	-14	-15	-15	-16	-16	-16	-15	-16	-16	-15
-18	-17	-23	-26	-36	-29	-12	2	-13	-27	-35	-13	-32	-73	-97	-46	36	41	3
53	-25	-78	13	29	-77	-6	62	74	22	5	20	39	29	21	24	44	57	18
-4	-40	-33	25	40	7	-19	-13	-7	1	4	4	2	-1	-8	-8	3	13	-5
-23	-41	-26	-11	-1	-8	-16	-25	-36	-30	-13	1	-3	-12	-20	-14	-14	-17	-15
-6	-3	-6	-12	-6	0	2	2	3	3	2	0	1	2	0	-1	-3	-6	-6
-6	-7	-7	-13	-26	-17	21	20	9	4	8	2	5	2	6	9	12	10	12
13	4	30	22	6	-7	15	20	17	19	17	16	17	21	24	18	9	12	18
21	24	25	28	30	29	29	31	33	35	37	37	37	37	36	36	36	35	31
22	25	38	38	20	16	8	4	2	-3	-4	-9	-15	-16	22	1	-23	-60	-5
-23	-31	-29	-33	-39	-46	-6	-5	-51	-83	-82	-40	-27	-35	-37	-34	-32	-32	-25
-8	6	-4	-17	-30	-19	-2	-9	-15	-23	-19	-16	-13	-9	-6	-4	-2	0	4
5	6	10	20	20	7	-5	-14	7	20	14	8	10	37	24	10	8	5	-8
8	8	4	1	0	1	0	-6	-7	-5	-10	-8	-5	-8	-10	-12	-15	-14	-11
-8	-7	-12	-19	-22	-21	-3	4	-1	-2	-3	4	6	2	-2	-7	-3	-1	14
6	7	2	2	4	7	9	10	10	10	10	9	13	17	18	14	11	6	7
22	12	2	2	-1	1	4	7	17	15	6	6	2	1	-1	0	-1	0	-2
-2	-3	-4	-5	-3	-3	-2	-1	0	0	-1	-2	-7	-15	0	8	3	0	-3
-5	-5	-3	-3	-4	-5	-6	-7	-7	-9	-14	-18	-15	-10	-12	-18	-21	-23	-25
-22	-18	-15	-15	-17	-18	-20	-22	-23	-22	-22	-21	-22	-22	-22	-23	-24	-24	-24
-23	-20	-16	-12	-7	-4	-3	-2	-1	-1	-1	-1	-2	-2	3	5	5	6	5
4	3	3	7	11	14	15	17	17	16	14	13	11	9	10	13	16	20	23
23	23	24	24	24	23	22	22	22	25	29	31	27	23	18	13	15	18	22
21	20	21	20	18	18	19	20	21	19	18	15	11	8	4	0	-3	-9	-9
-6	0	6	13	17	15	15	14	13	9	4	-2	-6	0	7	9	12	10	5
-6	-7	-1	4	7	2	-2	-4	-5	-6	-6	-11	-20	-29	-33	-29	-25	-23	-30
-34	-37	-37	-29	-19	-16	-18	-22	-29	-29	-26	-23	-19	-19	-20	-23	-26	-29	-24
-21	-19	-16	-16	-20	-20	-23	-26	-29	-28	-27	-22	-17	-10	-8	-11	-12	-15	-21
-23	-18	-12	-9	-11	-14	-15	-15	-14	-13	-9	-3	1	0	-1	-3	-5	-7	0
4	4	3	2	0	-1	0	0	1	6	11	13	14	15	15	15	15	15	16
9	5	7	8	11	13	12	11	10	9	9	10	12	14	17	20	23	28	31
29	28	27	25	25	23	22	21	36	37	30	25	25	26	27	29	30	31	32
32	32	32	32	32	32	32	33	34	33	23	15	4	3	16	32	33	27	24
24	21	21	19	18	16	16	14	15	21	22	11	-1	-5	-4	-5	-4	-3	-10

[illegible]

IIT279 40.001.3 IMPERIAL VALLEY EQ. AFTERSHOCK MAY 18, 1940 - 2037 PST +101.5 SEC. EPICENTER - 00 00 00N, 000 00 0
 STATION NO. 117 EL CENTRO, IMPERIAL VALLEY IRRIGATION DISTRICT COMP NORTH 32 47 43N, 115 32 5
 INSTR PERIOD = 0.099 SEC DAMPING = 0.552 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

PEAK VALS ACCLN = -11.4 CM/SEC/SEC AT 5.98 SEC VELO = -3.3 CM/SEC AT 18.14 SEC DISP = -3.5 CM AT 18.86 SEC

INITIAL VELO = 0.92783 CM/SEC INITIAL DISP = 0.10428 CM

1072 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.

20	5	1	13	18	27	28	24	23	25	26	32	31	20	17	13	10	8	9	12
8	4	-4	-11	-15	-18	-15	-14	-10	-8	-9	-8	-2	1	5	7	6	4	-4	-8
-10	-17	-23	-22	-28	-35	-40	-46	-52	-54	-46	-32	-1	-5	-16	-25	-24	-6	11	24
25	24	20	13	3	-9	-11	-4	12	11	3	-2	-9	-6	0	9	13	14	13	5
-2	-10	-10	-7	-1	-2	-5	-30	-30	-33	-31	-28	-19	-12	-8	-8	-13	-22	-34	-35
-37	-36	-32	-32	-37	-51	-56	-56	-58	-52	-46	-38	-31	-25	-21	-18	-16	-13	-17	-14
-7	-3	1	-4	-7	-12	-16	-21	-14	-6	4	8	11	13	15	16	20	27	39	33
31	24	15	6	9	10	12	15	9	-2	-12	-20	-26	-29	-32	-30	-26	-24	-20	-24
-32	-36	-36	-29	-22	-14	-10	-3	-8	-14	-20	-21	-22	-18	-8	-1	-4	-8	-15	-12
-6	2	9	7	6	3	2	1	0	-4	-11	-18	-17	-16	-14	-12	-10	-8	-9	-11
-15	-22	-23	-20	-17	-10	-2	9	21	13	3	1	-4	-1	9	15	9	9	11	11
22	38	34	28	32	32	36	39	42	46	47	43	39	35	33	31	29	31	34	36
38	40	41	43	45	48	46	40	26	19	21	29	34	40	36	33	27	22	26	23
18	14	8	4	-2	-8	-17	-19	-15	-12	-8	-5	-1	3	4	-2	-7	-11	-11	-12
-12	-12	-12	-12	-13	-15	-16	-18	-17	-16	-8	-2	10	24	68	73	55	-20	-68	-114
-111	-74	-74	-45	-29	51	47	31	34	57	71	48	26	-4	4	47	15	-17	-37	-32
-7	19	13	9	1	-7	-26	-15	-7	5	4	0	0	4	6	1	-6	-14	-17	-9
-1	-4	-16	-27	-25	-5	30	46	21	11	-8	-16	-27	-20	-8	3	13	-5	-9	10
18	19	12	5	11	28	37	38	39	38	35	19	10	3	16	28	33	16	9	4
11	23	30	18	16	8	30	40	34	31	23	12	2	8	29	31	21	7	-3	3
21	31	22	18	11	7	8	8	8	2	-2	-7	-10	-7	2	4	-2	-6	-12	-14
-10	-7	-13	-16	-18	-18	-14	-10	-7	-4	-2	-2	-3	-4	-6	-8	-10	-12	-13	-13
-6	0	7	3	-1	-5	-11	-9	3	3	-3	-8	-9	6	15	21	18	11	-8	-17
-28	-12	3	2	-10	-16	-26	-30	-35	-30	-28	-27	-26	-26	-26	-25	-22	-20	-17	-12
-8	-8	-9	-11	-13	-13	-12	-13	-11	-5	10	16	9	-12	-33	-39	-30	-18	-10	-5
-4	-5	-9	-11	-12	-12	-12	-9	-8	1	11	29	32	33	29	25	17	5	1	2
8	21	29	30	22	10	-11	-14	-22	-20	-21	-13	-4	20	29	7	-22	-18	-29	-22
-25	-24	-28	-10	-2	-4	-6	-1	5	11	4	-3	-13	-13	-13	-3	20	35	42	49
43	37	33	36	33	31	20	6	6	26	7	1	20	34	35	20	13	12	20	15
17	14	13	10	7	5	-3	-10	-19	-20	-13	-1	-3	-10	-16	-24	-20	-15	-19	-22
-25	-28	-32	-35	-40	-44	-48	-48	-48	-48	-47	-46	-45	-51	-60	-70	-77	-62	-49	-53
-70	-65	-49	-57	-59	-65	-63	-53	-30	-20	-14	-19	-25	-31	-29	-21	-12	-7	-13	-17
-21	-25	-8	9	26	19	21	24	25	26	26	26	26	25	24	23	22	20	18	16
15	13	11	9	8	7	5	9	13	17	22	25	28	32	32	31	30	29	27	26
25	23	24	25	26	29	33	32	32	25	18	11	8	4	2	6	8	8	10	8
6	4	1	-1	1	2	4	6	7	6	3	2	-8	-14	-2	10	12	-3	-12	-8
-4	1	2	2	2	1	1	0	-1	-3	-6	-8	-10	-12	-12	-12	-12	-12	-12	-12
-12	-12	-13	-14	-15	-15	-16	-16	-15	-14	-13	-11	-8	-6	-3	-1	-1	0	0	0
0	1	2	3	5	7	9	11	12	13	14	14	15	15	15	14	13	11	9	7
6	5	5	8	11	12	11	10	8	8	8	8	8	10	14	16	15	13	10	4

0	3	0	-1	0	1	4	6	9	8	8	5	2	-2	-5	-4	-4	-3	-2	0	2
-24	-26	2	3	-27	-1	-4	-6	-8	-7	-7	-6	-7	-9	-11	-13	-15	-16	-18	-19	-22
-23	-24	-27	-23	-25	-26	-25	-24	-23	-23	-22	-21	-21	-20	-20	-20	-19	-19	-19	-20	-21
-16	-17	-20	-18	-21	-21	-22	-25	-23	-27	-27	-29	-29	-28	-26	-25	-23	-21	-19	-17	-16
-22	-20	-17	-19	-17	-13	-9	-4	0	-25	-28	-31	-33	-30	-27	-27	-32	-31	-28	-25	-23
49	51	51	51	51	51	50	51	53	54	9	13	17	20	24	26	28	32	37	42	45
55	56	57	57	57	57	56	55	55	55	54	54	54	54	52	56	55	54	53	53	54
38	36	33	35	33	31	28	26	24	22	20	18	18	17	17	17	20	23	23	21	21
18	16	13	13	11	13	13	14	16	17	17	18	18	17	16	15	14	12	12	13	14
16	18	16	16	9	3	-2	-5	-9	-11	-14	-17	-21	-23	-25	-26	-31	-32	-29	-27	-24
-23	-23	-23	-23	-23	-26	-28	-32	-42	-51	-53	-55	-56	-55	-53	-52	-49	-47	-45	-42	-39
-37	-38	-38	-38	-39	-39	-40	-40	-41	-41	-41	-38	-34	-29	-24	-18	-13	-11	-8	-6	-4
-2	1	3	3	5	3	1	-2	-5	-7	-9	-11	-11	-11	-11	-11	-13	-11	-8	-6	-4

IIT279 40-001.3 IMPERIAL VALLEY EQ. AFTERSHOCK MAY 18, 1940 - 2037 PST +101.5 SEC. EPICENTER - 00 00 00N, 000 00 0
 STATION NO. 117 EL CENTRO, IMPERIAL VALLEY IRRIGATION DISTRICT COMP EAST 32 47 43N, 115 32 5
 INSTR PERIOD = 0.100 SEC DAMPING = 0.528 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

PEAK VALS ACIN = 18.5 CM/SEC/SEC AT 6.18 SEC VELO = -2.8 CM/SEC AT 15.64 SEC DISP = 3.1 CM AT 14.68 SEC

INITIAL VELO = 0.39601 CM/SEC INITIAL DISP = -0.03318 CM

1073 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.

4	-46	-33	-38	-17	-21	-32	-21	-13	-30	-7	-27	-25	-7	7	35	30	2	-8	-14
3	-5	21	-1	-21	-13	0	-10	-2	7	2	6	16	16	11	7	6	1	10	7
3	2	5	9	15	11	19	25	27	30	31	27	24	21	18	15	6	2	7	26
26	10	4	9	16	22	12	10	21	1	-17	-32	-46	-58	-45	-25	-5	25	10	1
-16	-18	-10	-21	-1	-6	-13	2	-9	-2	17	3	-1	5	-7	-19	-22	-8	-12	-22
-13	-6	-20	-24	-23	-20	-18	-21	-27	-31	-41	-50	-58	-43	-36	-39	-37	-36	-34	-36
-37	-31	-32	-35	-17	-15	-27	-36	-41	-33	-28	-27	-19	0	-10	-17	-23	-33	-28	-17
-19	-20	-5	-8	-6	-7	25	18	1	-9	10	11	7	21	28	40	35	29	40	38
32	28	36	29	29	33	35	39	39	37	36	34	32	30	30	33	37	40	42	43
44	45	49	55	59	70	82	94	92	88	83	76	70	55	40	40	41	29	21	21
16	15	13	12	10	17	37	37	21	14	2	-12	-17	-5	-15	-16	-9	-5	-12	-19
-20	-15	-14	-11	-8	-6	-7	-8	-9	-13	-14	-18	-4	-5	-11	-16	-11	-5	3	-2
-11	-19	-15	-8	-3	-13	-20	-29	-35	-44	-42	-35	-30	-36	-42	-43	-30	-33	-41	-50
-50	-40	-30	-10	6	-4	-15	-26	-39	-34	-16	-19	-40	-34	-31	-57	-47	-34	-33	-30
-24	-17	-19	-25	-23	-8	9	12	0	-5	2	11	7	22	8	-10	-24	-25	9	38
72	-8	-57	-120	-109	-67	-5	73	120	185	165	137	97	53	-1	-18	-3	4	-17	-42
-58	-46	-33	-16	4	17	3	-8	-5	6	13	27	32	26	8	-14	-35	-26	-27	-37
-40	-42	-37	-16	-3	-45	-49	-27	-16	-21	-22	-13	-9	-14	-23	-15	-22	-8	-10	2
13	7	42	24	25	4	13	-9	2	-3	-10	-15	-11	-7	-2	5	-4	-21	-25	-36
-42	-50	-43	-30	-26	-32	-28	-25	-31	-30	-24	-19	-11	-9	-10	-21	-45	-44	-43	-40
-56	-46	-38	-27	-20	-18	-16	-10	5	15	5	-2	5	1	1	8	16	31	21	18
12	8	14	18	40	47	31	26	24	29	31	41	50	61	64	58	53	46	39	47
50	44	42	37	34	31	28	26	24	22	20	18	16	14	10	6	3	3	1	1
-6	-11	-19	-17	-11	-19	-19	-12	-6	1	8	4	-4	-11	-9	-9	-17	-7	7	21
22	19	13	3	-1	-5	-1	3	8	12	13	13	15	11	8	4	6	5	25	36
5	-3	-23	-14	-3	13	17	-2	-12	-27	-27	-16	-8	2	-12	-19	-36	-29	-26	-24
-9	-10	-3	16	4	-9	-14	-23	-10	-13	-23	-21	-12	-28	-18	5	25	24	9	-3
-15	-2	4	-1	31	44	24	24	21	28	39	73	44	25	-3	18	14	9	7	12
16	11	12	22	18	1	-3	6	27	40	18	22	8	-2	-10	12	20	37	29	12
-2	-23	-16	-6	-6	4	13	16	14	14	13	11	18	24	32	25	16	10	13	20
34	38	39	35	23	22	18	21	22	26	40	30	14	14	18	22	31	39	29	16
8	20	22	26	26	18	11	-1	-13	-9	0	9	18	8	-1	-11	-25	-22	-7	-2
9	10	6	-2	-11	-16	-24	-20	-13	-7	-2	-8	-11	-17	-22	-29	-30	-27	-24	-18
-13	-18	-22	-22	-20	-26	-32	-32	-24	-19	-14	-14	-12	-12	-11	-4	4	19	27	18
13	3	3	10	7	1	-6	-7	0	-2	-5	-8	-14	2	11	-5	-12	-25	-13	-10
-11	-20	-27	-37	-32	-28	-26	-27	-26	-27	-28	-30	-31	-13	-1	-8	-11	-15	-12	-21
-29	-18	-9	-7	-10	-12	-17	-19	-21	-22	-23	-23	-23	-24	-23	-26	-31	-38	-36	-30
-24	-26	-39	-45	-47	-49	-50	-50	-48	-45	-45	-46	-48	-40	-31	-21	-18	-27	-32	-43
-46	-36	-37	-36	-36	-36	-32	-26	-21	-18	-25	-21	-15	-8	-5	-12	-12	-9	-5	-14
-17	-5	-1	5	9	9	9	9	13	26	24	23	20	18	15	12	15	31	28	23

18	15	21	27	23	18	28	34	39	41	34	28	20	21	22	19	14	11	5	3
1	-1	-3	-5	-7	-8	-10	-11	-12	-13	-14	-15	-16	-17	-17	-17	-17	-17	-16	-16
-16	-15	-15	-14	-14	-12	-11	-10	-8	-7	-6	-4	-2	0	1	3	5	7	10	14
18	21	22	24	26	27	28	31	34	36	39	40	40	40	40	40	45	47	41	37
30	32	35	30	27	23	22	20	19	18	17	16	15	15	15	14	14	14	14	14
14	14	15	15	15	16	18	19	21	23	25	27	29	29	28	26	24	23	21	22
23	24	25	26	25	25	24	24	23	23	24	26	27	26	25	23	22	20	17	14
11	8	5	2	-1	-4	-7	-10	-14	-18	-22	-27	-29	-26	-23	-20	-16	-16	-19	-21
-25	-25	-23	-22	-20	-19	-17	-18	-19	-21	-21	-19	-19	-17	-17	-17	-17	-17	-17	-17
-17	-17	-17	-16	-16	-15	-15	-15	-16	-17	-18	-18	-19	-20	-20	-19	-17	-18	-20	-22
-21	-20	-18	-16	-15	-13	-11	-9	-7	-6	-4	-3	-1	0	1	2	5	14	21	19
14	10	8	5	4	2	0	3	6	7	4	6	13	10	9	7	3	0	-3	0
3	13	24	18	19	14	12	9	7	4	2	0	-2	-1	1	4	11	16	21	25
27	25	25	21	15	10	3	-4	-11	-18	-25	-23	-25	-1						

IIT279 40.001.3 IMPERIAL VALLEY EQ. AFTERSHOCK MAY 18, 1940 - 2037 PST +101.5 SEC. EPICENTER - 00 00 00N, 000 00 0
 STATION NO. 117 EL CENTRO, IMPERIAL VALLEY IRRIGATION DISTRICT COMP UP 32 47 43N, 115 32 5
 INSTR PERIOD = 0.095 SEC DAMPING = 0.574 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

PEAK VALS ACLN = -7.4 CM/SEC/SEC AT 3.54 SEC VELO = -1.2 CM/SEC AT 17.30 SEC DISP = 1.2 CM AT 16.12 SEC

INITIAL VELO = 0.35709 CM/SEC INITIAL DISP = -0.33109 CM

1074 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.

-10	-15	-9	-4	-1	1	-1	-4	-7	-10	-12	-14	-12	-7	-4	-5	-7	-9	-8
-7	-5	-4	-3	-2	-1	0	0	0	0	0	1	1	1	2	3	4	6	7
11	12	14	15	17	18	20	21	22	23	21	19	16	14	12	11	10	11	13
16	16	4	2	9	12	7	4	0	9	8	2	-4	-5	5	10	4	2	1
-1	-2	-3	-5	-8	-12	-9	-6	-5	-7	-9	-11	-13	-15	-16	-15	-10	-5	-6
-12	-14	-10	-6	-6	-9	-11	-12	-13	-14	-15	-16	-18	-20	-18	-12	-21	-20	-21
-15	-10	-12	-13	-15	-18	-19	-18	-17	-15	-11	-8	-7	-7	-7	-11	-14	-13	-8
2	0	-1	1	7	8	7	5	3	0	3	10	14	14	13	11	7	8	20
12	2	4	9	12	9	4	3	1	-3	-9	-26	-41	-36	19	61	-12	-74	-61
45	-3	-55	-31	13	27	-2	-17	21	23	12	-2	-16	-8	8	2	-10	-6	14
-7	-8	20	-1	-26	-5	30	22	-28	-30	9	14	-2	-10	3	15	8	2	-7
2	14	22	4	-13	1	19	4	-12	-5	5	7	3	0	-4	-4	-5	-5	-4
-2	-2	-3	-4	-5	-6	-6	-7	-3	0	4	12	10	-3	-14	-19	-4	7	4
2	3	3	0	-2	-6	-4	3	11	7	-5	-3	-1	6	9	8	-1	-8	2
-3	-6	-6	-6	-6	-8	-8	-11	-13	-14	7	2	-9	-17	-11	-7	-3	0	-1
-6	-11	-18	-5	11	-6	-16	-8	-4	-10	-12	-17	-15	-14	-17	-17	-3	-1	3
0	14	17	-19	0	5	-1	-5	-5	-7	-7	-5	9	9	6	3	1	1	-1
-2	3	3	8	11	7	8	8	9	10	11	12	12	12	12	12	18	22	21
12	2	-7	2	8	15	14	12	10	9	9	9	6	1	-3	-9	-9	-4	-2
-4	-9	-13	-10	-6	-6	-9	-11	-11	-8	-7	-10	-13	-16	-13	-11	-8	-7	-9
-12	-12	-11	-11	-10	-9	-9	-8	-7	-7	-7	-8	-4	1	6	0	-7	-11	-11
8	2	-3	3	7	12	11	3	2	3	4	6	12	18	13	8	15	20	27
24	20	18	18	17	18	19	21	23	26	30	28	17	13	10	11	12	15	18
17	15	13	13	13	13	12	12	11	10	8	2	-3	-8	0	5	13	9	-6
-8	-7	-6	-6	-5	-6	-5	-5	-5	-5	-6	-8	-9	-11	-13	-15	-16	-18	-20
-22	-20	-19	-17	-15	-14	-12	-10	-8	-9	-13	-18	-21	-19	-19	-17	-16	-14	-13
-10	-9	-8	-6	-5	-3	-4	-5	-6	-7	-7	-5	-4	-3	-2	0	1	3	4
7	9	10	12	13	16	17	21	21	21	18	19	10	28	33	30	30	28	18
2	16	21	20	21	25	31	26	19	17	16	15	14	11	4	2	5	12	13
10	8	6	4	3	2	0	-1	-3	-6	-7	-7	-6	-5	-7	-8	-9	-10	-12
-12	-11	-12	-12	-13	-14	-15	-12	-8	-3	-1	-1	-1	-1	-1	-1	-1	1	2
5	2	0	2	5	6	5	4	3	2	0	0	2	3	5	6	6	6	5
5	4	3	2	3	4	5	5	5	3	1	1	0	0	-2	-4	-6	-4	-1
5	4	3	2	1	1	1	1	1	2	5	7	5	1	-3	-7	-7	-8	-8
-8	-8	-8	-7	-7	-6	-5	-5	-5	-6	-6	-7	-7	-7	-7	-7	-7	-7	-7
-10	-12	-14	-14	-13	-13	-12	-11	-11	-10	-9	-9	-8	-9	-12	-14	-17	-16	-13
-7	-4	-2	1	2	1	1	1	0	-1	-1	-2	-3	-4	-2	0	-4	-6	-7
9	10	12	13	12	12	11	10	9	9	8	7	6	6	9	11	14	15	13
8	7	6	5	5	5	4	4	4	5	5	5	6	5	5	4	3	3	2
1	0	-1	-1	-2	-2	-2	-3	-4	-5	-5	-6	-7	-7	-8	-9	-11	-13	-15

-19	-16	-17	-19	-22	-23	-22	-22	-21	-20	-21	-22	-21	-20	-19	-17	-17	-18	-19	-19
-15	-7	-14	-15	-10	-11	-10	-9	-9	-8	-9	-11	-12	-13	-13	-14	-14	-15	-15	-15
-7	-5	-5	-5	-5	-4	-5	-5	-5	-5	-5	-4	-4	-4	-5	-5	-5	-6	-6	-6
-6	2	3	2	3	3	3	3	2	2	3	3	3	3	2	1	10	37	36	36
4	7	16	15	10	28	24	10	-7	-1	11	16	11	-7	6	12	19	1	3	3
4	35	23	2	12	-13	12	37	31	12	-4	-18	-4	13	9	10	12	16	18	18
19	13	11	10	19	5	9	19	18	6	12	-1	12	9	10	10	11	11	12	12
13	3	3	4	6	7	6	6	5	-8	8	8	8	9	-4	-1	2	2	2	2
2	-10	-7	-10	-12	0	-2	-8	-14	-23	-3	-2	-3	-4	-14	-14	-15	-15	-15	-15
-12	-20	-9	-18	-20	-19	-22	-23	-22	-9	-4	-16	-14	-14	-14	-2	-8	-15	-22	-15
-28	0	-10	-12	-9	-11	-4	-3	-5	-9	25	-17	-21	-17	-10	-2	-8	-15	7	-15
12	12	13	10	26	26	28	24	23	6	26	26	24	20	12	6	3	4	30	4
30	30	30	29	21	24	28	21	14	6	21	21	25	26	29	30	30	30	30	30
6	6	5	5	5	-7	-2	5	6		-2	-7	0	4	10	11	7	7	0	-1

III280 40.001.4 IMPERIAL VALLEY EQ. AFTERSHOCK MAY 18, 1940 - 2037 PST +125.0 SEC. EPICENTER - 00 00 00N, 000 00 00
STATION NO. 117 EL CENTRO, IMPERIAL VALLEY IRRIGATION DISTRICT COMP MORT 32 47 43N, 115 32 5
INSTR PERIOD = 0.099 SEC DAMPING = 0.552 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

PEAK VALS ACCLN = -22.4 CM/SEC/SEC AT 8.36 SEC VELO = -3.1 CM/SEC AT 3.20 SEC DISP = -2.5 CM AT 13.74 SEC

1350 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.
INITIAL VELO = -0.44255 CM/SEC INITIAL DISP = 0.12341 CM

1	1	2	0	-2	-5	-7	-8	-9	-10	-6	2	1	-2	-3	-4	-5	-4	0	4
8	4	1	-3	-7	-10	-11	-13	-14	-16	-16	-18	-16	-12	-9	-7	-5	-3	-1	1
3	5	7	9	10	12	13	15	16	18	20	23	25	27	29	31	30	26	22	21
20	20	23	25	28	32	35	39	41	42	42	43	43	43	43	42	42	42	41	41
40	39	38	37	35	33	31	30	28	26	23	20	17	14	11	7	5	2	0	-2
-4	-7	-11	-23	-31	-36	-37	-35	-32	-27	-29	-40	-52	-57	-61	-60	-61	-56	-49	-41
-53	-71	-67	-73	-71	-73	-70	-69	-66	-63	-60	-56	-50	-45	-41	-37	-38	-46	-53	-65
-74	-79	-68	-46	-23	-13	-17	-19	-26	-32	-40	-41	-42	-43	-43	-42	-37	-32	-21	-13
-5	5	7	4	3	0	0	3	10	22	19	20	18	20	23	27	30	34	34	36
40	57	66	62	51	44	36	36	37	39	41	41	35	33	30	30	32	33	35	37
38	41	40	36	32	27	24	24	25	29	34	32	30	26	20	25	29	31	34	36
34	33	32	33	34	35	34	33	32	29	29	30	32	37	40	43	45	46	47	42
36	33	34	33	35	36	38	39	40	41	41	40	39	28	18	12	7	5	5	5
6	6	1	-3	-10	-12	-13	-14	-13	-12	-13	-14	-15	-17	-17	-13	-10	-6	-3	-7
-10	-13	-16	-14	-12	-9	-10	-12	-14	-17	-22	-26	-25	-23	-21	-21	-27	-31	-32	-29
-24	-20	-15	-10	-6	-8	-8	-11	-12	-15	-16	-16	-18	-21	-8	-9	-10	-12	-14	-16
-19	-21	-24	-23	-20	-17	-15	-16	-15	-15	-16	-16	-18	-21	-24	-26	-29	-31	-29	-28
-27	-26	-25	-24	-22	-21	-19	-18	-17	-16	-17	-16	-13	-9	-5	-4	-2	-1	-4	-7
-11	-15	-16	-18	-16	-10	-6	-3	1	0	-3	-5	-8	-12	-15	-19	-22	-24	-26	-28
-30	-30	-31	-31	-31	-31	-30	-27	-24	-20	-17	-16	-15	-21	-28	-35	-40	-41	-42	-43
-44	-49	-51	-49	-47	-43	-39	-19	27	78	116	158	159	99	43	-36	-107	-175	-224	-154
-93	36	115	175	188	165	150	102	60	17	13	14	29	28	29	49	58	30	0	-32
-78	-62	-23	-12	25	48	85	77	35	18	-12	-16	-3	5	18	7	2	-15	-26	-38
-28	-9	9	42	77	42	12	-17	-27	-16	1	23	40	20	9	0	-2	-7	-12	-17
-24	-16	6	24	67	74	40	33	13	-2	0	11	13	1	-9	-24	-16	-1	2	6
17	30	40	36	27	1	-4	-8	-8	-8	-6	-6	-5	-5	-5	-8	-9	-13	-15	-18
-11	-8	16	21	13	5	-11	-22	-37	-37	-28	-19	-8	-15	-18	-23	-26	-27	-24	-21
-17	-14	-12	-20	-28	-38	-48	-43	-33	-14	8	-2	-6	-11	-17	-18	-14	-12	-6	0
8	10	9	8	6	4	3	4	5	6	7	2	-3	-10	-14	-12	-10	-7	-5	-3
-1	0	2	4	8	9	7	7	0	-9	-16	-23	-27	-30	-33	-32	-31	-25	-18	-13
-8	-6	-4	-5	-7	-9	-11	-17	-22	-26	-27	-24	-20	-16	-4	8	18	0	-12	-26
-32	-36	-36	-31	-31	-27	-14	-4	9	12	12	12	7	3	-10	-26	-20	-12	-7	1
0	0	-2	-4	-7	-10	-13	-16	-19	-22	-22	-20	-19	-17	-15	-14	-6	12	22	31
41	45	39	35	23	12	2	1	8	18	42	54	51	54	48	41	36	32	38	45
52	59	66	72	65	58	54	49	44	43	49	54	66	65	52	43	37	33	29	41
46	54	41	34	30	23	22	30	37	46	46	46	42	36	30	23	15	7	0	-9
-8	2	10	14	17	18	16	16	14	13	10	3	-4	-7	-2	1	8	8	1	-15
-25	-31	-35	-24	-13	3	6	13	13	8	3	-3	-9	-15	-22	-29	-37	-42	-37	-33
-28	-29	-30	-32	-32	-30	-27	-24	-22	-24	-25	-27	-29	-29	-28	-27	-23	-16	-20	-27
-30	-32	-34	-32	-19	-10	4	5	-5	-10	-16	-22	-23	-21	-20	-18	-17	-13	-5	1

15	18	10	5	4	5	6	8	10	12	10	7	2	-2	-2	3	16	26	19	9
2	2	1	6	16	19	16	14	11	8	4	1	-3	-6	-10	-13	-15	-18	-17	-15
-19	-21	-25	-26	-20	-20	-25	-28	-33	-37	-37	-38	-39	-40	-43	-46	-49	-54	-52	-49
-47	-43	-44	-51	-47	-37	-34	-38	-41	-37	-23	-19	-9	-20	-24	-22	-23	-21	-15	-10
-6	-1	1	0	0	-1	-3	-6	-6	-4	-3	0	4	8	14	22	24	20	20	25
30	37	44	51	47	39	30	18	6	-4	-4	-3	-3	-5	-7	-10	-13	-12	-10	1
19	27	39	32	27	21	15	11	7	7	10	12	15	18	20	26	31	37	30	20
2	-12	-22	0	24	61	88	60	21	-27	-32	-17	9	40	26	15	1	11	21	43
30	24	3	-10	-7	-5	-4	1	16	35	28	14	6	2	-3	-4	-2	-1	-1	-2
-3	-3	-5	-1	1	5	7	9	0	-8	-17	-10	0	13	14	15	14	7	-1	-1
1	3	4	-1	-5	-9	-5	2	10	12	13	10	6	0	-7	-4	-3	0	4	7
9	5	1	-4	-8	-12	-10	-9	-7	-4	-2	0	4	7	10	12	12	12	13	13
12	10	9	7	6	2	4	8	10	9	8	10	15	18	20	22	25	24	22	20
23	26	29	30	26	23	20	21	20	21	22	22	23	23	23	23	22	22	22	21
21	20	19	18	17	16	15	14	13	11	8	5	3	-2	-7	-12	-10	-8	-6	-9
-13	-16	-18	-20	-22	-24	-25	-26	-27	-29	-29	-30	-29	-30	-28	-24	-21	-17	-15	-16
-16	-18	-19	-20	-21	-22	-22	-23	-23	-20	-18	-18	-19	-19	-20	-16	-16	-1	1	-5
-6	-12	-17	-17	-14	-11	-12	-16	-13	-11	-8	-7	-7	-7	-7	-2	4	11	14	6
0	-6	-11	-16	-14	-13	-11	-11	-13	-15	-18	-18	-17	-16	-14	-13	-12	-16	-19	-23
-27	-31	-34	-32	-29	-26	-22	-20	-25	-29	-31	-31	-32	-29	-27	-25	-25	-25	-28	-31
-33	-34	-36	-37	-38	-37	-34	-30	-26	-24	-23	-22	-21	-20	-19	-18	-14	-10	-11	-13
-12	-5	0	3	4	7	5	-1	-6	-4	-4	-2	-3	-7	-8	-10	-11	-12	-13	-5
1	9	17	18	19	19	19	20	19	17	15	13	12	13	14	14	14	14	14	14
15	18	21	24	26	25	25	23	22	20	19	18	18	17	17	16	16	16	16	18
19	21	22	24	26	27	28	30	31	32	33	34	36	36	37	38	39	39	38	37
35	34	33	31	30	29	28	26	25	24	23	21	20	20	19	18	17	16	15	15
14	13	11	9	7	5	3	2	0	-2	-4	-6	-8	-10	-12	-13	-13	-12	-12	-12
-15	-19	-23	-26	-27	-29	-30	-31	-32	-32	-4	-6	-8	-10	-12	-13	-13	-12	-12	-12

IIT280 40.001.4 IMPERIAL VALLEY EQ. AFTERSHOCK MAY 18, 1940 - 2037 PST +125.0 SEC. EPICENTER - 00 00 00N, 000 00 0
 STATION NO. 117 EL CENTRO, IMPERIAL VALLEY IRRIGATION DISTRICT COMP EAST 32 47 43N, 115 32 5
 INSTR PERIOD = 0.100 SEC DAMPING = 0.528 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

PEAK VALS ACCLN = -9.5 CM/SEC/SEC AT 9.48 SEC VELO = 2.4 CM/SEC AT 6.56 SEC DISP = -2.3 CM AT 5.00 SEC

INITIAL VELO = 0.98087 CM/SEC INITIAL DISP = 0.42872 CM

1350 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.

15	-10	-13	-14	-8	-23	-19	-17	-19	-22	-22	-15	-18	-14	-15	-17	-15	-14	-11	-13	-17
-22	-27	-29	-18	-10	-4	-15	-19	-22	-15	-22	-15	-11	-12	-8	-11	-12	-9	-6	-4	-19
-28	-36	-35	-31	-30	-32	-26	-14	-12	-8	-11	-13	-15	-11	-13	-7	-3	8	11	5	2
-4	-5	-2	1	2	2	3	3	4	5	6	7	8	12	18	20	21	14	9	12	17
21	19	15	12	8	8	10	11	6	5	8	12	14	14	18	20	21	14	0	-13	-1
7	21	15	8	-3	-16	-12	18	24	32	22	18	15	12	12	2	-9	-12	-11	-4	14
10	7	-4	-13	-25	-29	-23	-12	-1	14	-4	-24	-38	-29	-29	-21	-33	-34	-44	-49	-32
-9	-5	-6	-19	-22	-18	-25	-26	-30	-35	-47	-61	-56	-39	-12	-30	34	19	1	-19	-1
-37	-50	-39	-24	-3	12	9	3	1	2	-1	-1	-1	-1	-2	-3	-3	-5	-6	-6	-1
3	7	12	13	12	12	9	7	5	5	4	4	2	4	2	2	6	15	29	22	8
-7	-16	1	-2	1	1	4	9	8	7	6	6	8	6	9	9	9	8	8	12	16
22	23	25	27	23	18	13	14	16	10	6	3	10	3	13	16	13	9	4	12	19
29	34	27	23	18	13	17	22	29	32	31	29	24	29	20	15	11	6	4	7	10
15	24	32	44	43	28	23	15	17	18	25	35	31	24	16	16	14	21	26	37	40
32	26	19	22	24	24	17	15	20	22	16	14	9	13	19	19	25	22	18	13	8
3	9	12	19	17	9	6	8	-2	-10	-9	-3	1	4	7	7	9	7	7	6	5
3	1	-1	-1	1	2	4	2	-2	-5	-8	-11	-15	-13	-3	-3	7	5	-5	-11	-7
-1	-6	-7	-11	-16	-22	-22	-21	-20	-19	-17	-18	-23	-28	-29	-29	-25	-24	-23	-22	-22
-25	-27	-29	-25	-21	-16	-14	-18	-20	-24	-28	-27	-27	-27	-22	-7	-19	-31	-33	-28	-26
-19	-16	-18	-19	-19	-20	-21	-22	-19	-16	-13	-8	2	2	2	-8	-14	-24	-27	-23	-20
-15	-9	-12	-18	-11	-9	-5	-1	-5	-16	-24	-38	-49	-66	-68	-68	-41	-7	21	50	23
36	1	-11	-32	0	18	23	4	9	-44	-59	-77	-83	-15	-36	36	78	89	91	87	65
39	12	6	-21	-62	-56	-22	3	19	9	-7	-3	1	-13	-14	-14	-15	-13	-12	-4	19
37	58	56	27	5	-29	-46	-50	-51	-48	-39	-19	24	-54	-78	-95	-69	-36	-8	-1	9
-20	-6	-4	6	7	14	14	33	18	11	-4	-26	-15	-9	54	36	30	17	1	-18	-38
-10	-23	-24	-5	-21	-26	-29	-13	-8	1	11	20	32	-28	28	6	12	26	4	-11	-24
-4	13	17	24	33	44	37	24	17	10	-9	-7	3	7	38	13	12	10	-12	-26	-8
27	6	1	-10	5	6	13	40	26	27	38	32	23	11	7	38	44	60	48	44	37
29	18	12	0	5	21	16	15	16	25	14	1	-15	-8	-13	-1	-9	-5	4	14	30
28	14	5	-5	-13	-18	9	4	-5	-11	-29	-28	-19	-29	-29	-33	-33	-31	-30	-19	-11
1	-9	-21	-32	-33	-24	-21	-14	-13	-10	-23	-35	-45	-56	-76	-76	-84	-69	-62	-34	-6
23	-30	-8	-8	-31	-47	-30	-45	-48	-47	-74	-39	-37	-19	-9	-9	7	0	-12	-25	-24
-11	-3	13	17	-4	-17	-9	-18	-39	-14	-23	-30	-6	7	29	29	54	74	57	47	32
19	10	19	24	33	44	59	51	41	29	20	19	21	44	23	23	38	47	22	7	18
32	40	55	51	38	60	49	33	20	30	38	36	9	5	2	2	-8	-16	-21	-13	-8
-21	2	-12	-8	36	42	51	71	87	79	52	53	57	38	28	28	19	25	20	-6	0
2	8	12	5	1	5	15	15	25	42	39	23	1	-6	16	16	-5	-4	17	1	-10
0	-5	-19	-7	-10	-30	-7	-21	-18	-3	6	14	3	-8	-27	-27	-39	-37	-30	-28	-25
-7	32	14	8	-7	-5	-17	-32	-25	-15	-26	-28	-41	-49	-42	-42	-33	-15	11	-4	-19

-26	-51	-56	-38	-28	-15	-23	-24	-13	-20	-33	-44	-29	-21	-35	-15	-3	-3	-19	-26
-19	-14	-14	-17	-23	-22	-12	-8	-9	-9	-11	-13	-14	-15	-16	-16	-17	-21	-24	-23
-17	-13	-6	-4	-12	-18	-25	-31	-24	-15	-7	4	6	0	-6	-14	-22	-20	-13	-4
-10	-9	-8	-5	-13	-11	-9	-5	-3	-1	-3	-3	-6	-2	4	11	15	8	3	-4
19	20	12	8	-4	5	10	12	3	57	52	16	19	30	19	37	27	20	12	14
5	7	13	16	23	24	14	5	7	-17	-8	-1	5	-1	29	37	27	20	12	24
0	28	34	7	-14	-45	25	27	73	68	-17	-38	-68	-40	-14	20	-21	-27	-27	-6
-12	-28	-17	-11	-26	-34	-43	-19	-22	-36	-28	-20	-36	-1	23	11	-5	-1	27	3
-24	-4	22	55	44	3	-13	1	-6	-18	-23	-10	-12	-23	7	11	6	11	35	21
11	38	24	19	34	37	27	24	37	40	28	27	40	32	15	33	37	18	41	54
34	32	37	19	17	20	21	24	27	28	26	24	15	8	0	4	7	2	3	23
8	5	-7	-5	2	5	-9	-20	-30	-17	-8	-1	-15	-21	-38	-30	-20	-33	-27	-4
-12	-15	-20	-14	-2	-10	-26	-20	-19	-21	-27	-29	-29	-29	-29	-28	-28	-27	-28	-26
-26	-14	-11	-24	-16	-14	-9	-6	-1	0	3	4	6	6	6	6	4	1	-1	-6
-12	-19	-24	-17	-13	-14	-17	-19	-24	-6	-15	-25	-38	-30	-9	-2	12	13	8	4
1	-3	-6	-9	-12	-14	-15	16	20	-21	-9	-16	-2	1	11	10	3	4	20	19
15	19	36	32	28	24	15	20	33	33	43	34	32	24	30	32	25	18	13	24
35	32	26	20	12	20	26	21	17	12	7	10	-5	-20	-1	-2	-9	-13	-21	-11
-5	-3	-3	5	18	30	23	8	2	-10	-15	-7	-1	7	0	-8	-14	-5	0	-2
-4	-7	-12	-10	-7	-3	-1	1	4	6	8	10	12	14	16	18	20	18	16	14
12	10	8	6	4	2	-3	-8	-10	-13	-15	-14	-12	-9	-5	-1	5	8	9	10
12	14	15	12	8	5	2	-1	-5	-9	-10	-8	-7	-5	-1	7	14	22	20	17
13	8	8	8	8	7	5	3	0	-2	-3	-5	-6	-7	-9	-11	-12	-15	-16	-19
-20	-22	-22	-24	-14	-17	-23	-27	-17	-18	-20	-21	-24	-24	-23	-24	-28	-31	-35	-39
-43	-36	-29	-26	-22	-24	-24	-26	-30	-34	-31	-27	-23	-18	-17	-15	-15	-14	-14	-13
-11	-9	-7	-5	-11	-16	-11	-3	4	14	14	10	-7	2	-4	-6	0	5	8	8
8	7	6	3	-2	-4	-2	4	-4	-3	14	10	7	2	-4	-6	0	5	8	8

11T280 40.001.4 IMPERIAL VALLEY EQ. AFTERSHOCK MAY 18, 1940 - 2037 PST +125.0 SEC.
STATION NO. 117 EL CENTRO, IMPERIAL VALLEY IRRIGATION DISTRICT
INSTR PERIOD = 0.095 SEC DAMPING = 0.574 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.
EPICENTER - 00 00 00N, 000 00 0
COMP UP 32 47 43N, 115 32 5

PEAK VALS	ACLN =	5.9	CM/SEC/SEC AT	2.30	SEC	VELO =	-1.2	CM/SEC AT	1.88	SEC	DISP =	1.0	CM AT	24.64	SEC
-----------	--------	-----	---------------	------	-----	--------	------	-----------	------	-----	--------	-----	-------	-------	-----

INITIAL VELO = -0.11855 CM/SEC INITIAL DISP = 0.16530 CM

1350 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.

[illegible]

25	17	-4	-8	2	1	5	4	1	-2	-4	-7	-9	-8	-3	0	-1	-1	-2	-3
-3	-3	-3	-3	-2	0	2	4	5	7	9	10	8	5	2	0	-1	-3	-3	-1
1	2	4	3	2	1	-1	-1	2	4	4	10	11	13	12	6	0	0	-3	-7
-6	-1	7	14	19	23	21	18	14	8	3	1	0	4	7	12	17	21	18	16
13	11	9	7	5	6	7	8	9	11	11	11	11	11	12	12	11	10	9	9
7	0	-7	-6	-6	-4	-2	-1	1	1	0	-2	-3	-5	-6	-7	-8	-9	-10	-12
-10	-8	-9	-7	-9	-10	-11	-8	-9	-10	-12	-12	-12	-13	-14	-15	-15	-13	-12	-11
-10	-3	-8	-9	-9	-10	-11	-13	-14	-17	-14	-6	-2	0	3	4	4	3	3	3
1	3	-3	0	3	6	7	3	-2	-6	-3	1	5	9	6	2	-1	-1	0	1
2	3	4	5	6	7	7	7	7	7	7	6	3	0	-2	-2	4	7	8	10
11	10	9	8	7	6	5	5	4	3	2	3	4	4	5	6	7	7	8	9
9	10	9	8	6	5	4	3	3	4	5	6	7	8	9	10	11	12	13	13
12	12	12	12	11	11	10	10	9	9	8	8	7	6	5	5	4	3	2	1
-2	-4	-7	-10	-12	-12	-13	-13	-13	-14	-15	-16	-18	-19	-20	-20	-20	-20	-19	-19
-18	-17	-16	-15	-14	-13	-13	-13	-13	-13	-13	-13	-13	-13	-13	-13	-13	-13	-13	-13
-13	-13	-13	-13	-12	-11	-11	-10	-9	-8	-6	-5	-3	-1	-1	-2	-3	-4	-4	-5
-6	-4	-1	2	5	7	7	7	7	6	5	5	4	3	3	2	2	2	2	2
2	2	2	2	2	2	2	3	3	4	4	5	5	6	6	7	8	9	10	16
11	12	12	13	14	14	15	15	16	16	17	17	17	17	17	17	17	16	16	16
16	15	14	13	13	12	11	10	9	8	7	6	5	4	2	2	1	0	0	-1
-1	-2	-3	-3	-4	-4	-5	-5	-6	-6	-7	-8	-9	-10	-11	-11	-12	-14	-15	-17
-19	-21	-23	-22	-21	-19	-18	-16	-16	-17	-18	-18	-20	-22	-24	-26	-29	-27	-22	-17
-17	-17	-17	-18	-18	-18	-18	-17	-17	-16	-15	-13	-11	-9	-7	-4	-2	-1	-2	-4
-5	-8	-9	-8	-8	-7	-6	-5	-5	-6	-6	-7	-7	-8	-8	-7	-6	-5	-4	-3
-2	-1	0	1	2	3	3	4	5	6	7	7	8	9	10	10	11	12	13	13
14	15	16	16	15	15	15	14	14	14	13	13	12	12	11	11	11	10	10	9
9	8	7	7	6	5	5	4	4	3	2	2	1	1	0	-1	-1	-1	-1	0
0	1	1	2	2	3	3	2	0	0	2	2	1	1	0	-1	-1	-1	-1	0

IIT281 40.001.5 IMPERIAL VALLEY EQ. AFTERSHOCK MAY 18, 1940 - 2037 PST +154.0 SEC. EPICENTER - 00 00 00N, 000 00 0
 STATION NO. 117 EL CENTRO, IMPERIAL VALLEY IRRIGATION DISTRICT COMP NORT 32 47 43N, 115 32 5
 INSTR PERIOD = 0.099 SEC DAMPING = 0.552 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

PEAK VALS ACCLN = 6.5 CM/SEC/SEC AT 7.92 SEC VELO = 3.1 CM/SEC AT 2.28 SEC DISP = 2.6 CM AT 3.78 SEC

INITIAL VELO = -1.00929 CM/SEC INITIAL DISP = -0.61492 CM

1498 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.

-4	-5	-5	-4	-1	2	4	5	6	7	8	8	7	7	7	6	5	4	3	3	3
4	4	4	4	4	6	8	11	13	16	16	14	11	11	7	6	6	5	4	3	3
11	11	12	13	15	15	14	13	12	11	9	6	4	4	4	4	4	3	3	6	8
2	4	8	14	22	26	31	32	33	33	33	33	33	34	34	34	35	37	39	42	44
47	47	47	47	47	47	47	46	48	51	52	49	47	44	44	42	39	36	33	30	26
24	24	23	22	20	19	17	15	12	10	9	7	6	3	3	0	-3	-7	-12	-15	-16
-16	-17	-20	-23	-25	-25	-26	-26	-27	-27	-27	-28	-27	-26	-26	-25	-24	-25	-25	-26	-26
-27	-27	-27	-27	-28	-29	-29	-29	-25	-22	-20	-18	-19	-21	-21	-23	-26	-28	-28	-28	-27
-26	-24	-23	-21	-20	-18	-16	-14	-12	-11	-12	-13	-14	-15	-15	-17	-19	-20	-21	-21	-21
-18	-17	-20	-22	-25	-24	-24	-22	-21	-20	-18	-17	-15	-17	-17	-19	-21	-26	-28	-27	-27
-27	-27	-26	-25	-24	-23	-23	-23	-22	-20	-19	-22	-23	-23	-23	-22	-18	-15	-11	-12	-13
-15	-15	-14	-14	-11	-7	-3	-5	-9	-12	-14	-9	-4	-4	-2	2	3	2	2	3	3
4	5	6	6	7	9	11	10	5	6	10	14	13	14	14	11	6	0	2	7	11
16	11	5	3	3	3	3	3	5	6	7	9	8	5	5	5	8	11	15	18	18
15	11	12	15	17	22	21	18	16	13	9	9	11	12	12	12	13	13	11	10	9
5	4	7	10	11	10	11	12	13	11	7	4	0	1	1	3	4	4	5	6	8
7	5	3	-2	-3	0	2	4	6	8	7	5	4	0	0	-6	-14	-15	-15	-15	-10
-10	-9	-10	-11	-13	-12	-8	-8	-6	-9	-11	-11	-11	-12	-12	-14	-15	-15	-16	-16	-16
-17	-18	-20	-24	-27	-31	-34	-32	-31	-29	-27	-25	-23	-22	-22	-24	-26	-29	-32	-34	-37
-33	-29	-24	-21	-12	-25	-25	-38	-21	-8	31	16	-23	-23	-62	-12	25	65	52	-3	-55
-45	-8	15	32	14	9	-12	-5	3	-15	-23	-5	21	47	57	28	28	10	-14	3	14
33	49	43	32	29	25	24	24	30	33	37	35	32	30	26	24	24	22	26	30	39
45	49	51	51	52	50	48	46	46	47	47	48	48	44	41	37	37	32	27	25	32
46	46	27	16	8	11	13	21	26	29	25	17	9	-8	-6	4	4	12	23	19	5
-1	0	0	3	6	9	10	13	10	3	-3	-9	-14	-17	-18	-15	-15	-14	-16	-19	-24
-31	-27	-23	-20	-21	-22	-23	-24	-25	-24	-24	-25	-30	-34	-37	-37	-37	-29	-20	-17	-19
-21	-27	-22	-17	-13	-6	0	-5	-12	-21	-22	-16	-3	15	8	0	0	-10	-11	-9	-8
-6	-4	-4	-4	-5	-6	-8	-9	-5	1	7	7	9	9	9	9	9	9	7	6	4
1	-1	2	6	14	21	25	20	14	7	8	7	9	10	11	12	12	13	13	14	14
15	15	15	13	10	8	9	12	11	10	9	7	5	4	3	6	6	8	16	19	17
16	15	7	1	2	1	4	5	4	3	1	0	0	0	1	3	3	4	6	3	1
-7	-16	-17	-20	-21	-22	-23	-23	-24	-21	-14	-16	-22	-24	-28	-31	-31	-31	-30	-29	-26
-26	-27	-28	-29	-30	-31	-33	-34	-32	-30	-29	-29	-30	-26	-22	-22	-21	-20	-19	-16	-16
-19	-21	-23	-25	-24	-23	-20	-14	-8	0	3	7	10	9	8	6	6	4	2	0	-2
-3	-3	-4	-3	0	6	14	25	32	37	43	40	38	34	30	22	22	16	15	13	11
9	7	6	7	8	10	15	20	25	22	18	10	5	5	5	9	9	11	15	19	19
16	12	7	9	9	13	15	19	22	26	28	28	28	28	26	21	21	16	14	14	13
14	15	17	18	19	20	21	23	22	18	14	11	8	7	6	5	5	7	9	11	12
9	8	5	3	2	0	-1	0	2	4	2	0	-2	-7	-13	-18	-17	-17	-15	-11	-11
-8	-7	-8	-8	-9	-10	-11	-13	-19	-23	-27	-27	-24	-23	-21	-20	-19	-19	-20	-23	-24

-26	-28	-30	-29	-25	-21	-20	-24	-25	-26	-27	-21	-26	-25	-24	-23
-23	-22	-22	-11	-22	-21	-22	-20	-19	-20	-21	-21	-21	-13	-7	-8
-9	-9	-10	-11	-15	-6	-3	1	3	3	4	4	4	4	4	5
8	10	11	13	15	16	17	16	16	15	17	17	27	28	28	28
29	29	27	26	24	22	19	19	20	21	23	23	30	23	19	17
14	12	10	7	17	10	12	15	17	19	21	19	17	13	10	6
4	5	5	7	2	2	6	4	2	0	1	1	-2	-3	-5	-5
-2	0	-1	-3	-8	-16	-12	-14	-14	-15	-14	-14	-19	-21	-22	-24
-25	-23	-22	-20	-18	-28	-25	-21	-24	-28	-29	-29	-23	-24	-27	-27
-28	-29	-29	-30	-27	-9	-15	-8	-7	-9	-18	-18	16	20	-8	-8
-21	-26	-28	-15	-2	-16	15	12	-2	-16	0	9	-5	-11	-11	-13
-10	-10	-17	-10	3	6	23	41	6	13	2	4	18	8	5	13
-37	-37	-17	-37	0	14	-10	0	14	29	49	59	8	48	61	43
17	17	30	17	15	8	15	5	13	8	8	17	10	13	17	22
49	49	29	49	8	15	8	12	15	13	9	3	8	11	14	10
3	3	11	3	6	8	8	12	9	-12	-21	-19	-22	11	14	20
-4	-4	-5	-6	-2	-9	-5	-6	-9	-12	-20	-21	-22	-22	-23	-24
-30	-30	-27	-30	-34	-26	-35	-30	-26	-26	-36	-34	-31	-30	-30	-30
-37	-37	-27	-30	-36	-31	-34	-33	-31	-30	-28	-27	-21	-18	-16	-13
-16	-16	-15	-16	-16	-11	-16	-14	-11	-7	-1	2	12	12	6	6
8	8	8	8	4	11	14	8	11	14	14	15	19	17	14	9
3	3	3	3	9	7	13	13	7	8	20	21	27	19	7	7
24	24	20	24	6	6	10	17	6	10	10	12	15	14	13	12
5	5	3	11	11	10	8	13	10	8	7	8	-1	-5	-3	-1
3	3	8	13	-12	-12	-9	-12	-12	-9	-9	-8	-14	-6	4	6
-6	-6	-1	-6	6	2	2	6	6	2	0	-3	-1	-3	-1	1
-3	-3	0	-4	-2	-7	-9	-5	-2	0	1	3	-2	-17	-33	-25
3	3	3	3	0	-7	-9	-4	-7	0	-13	-17	5	0	-6	-10
-3	-3	-3	-3	4	4	5	2	4	5	5	4	-1	1	3	8
30	30	29	30	6	6	5	13	6	5	8	11	6	9	10	17
30	30	33	30	20	20	22	20	20	22	26	31	20	14	15	16
19	19	21	19	9	9	9	9	9	9	8	10	6	5	3	2
-3	-8	-16	-12	-4	-4	-3	-6	-4	-3	-1	1	-12	-14	-17	-19
-22	-23	-21	-20	-16	-16	-15	-16	-16	-15	-15	-16	-33	-29	-24	-19
-14	-12	-13	-19	-19	-19	-15	-23	-19	-15	-11	-8	-6	-7	-8	-10
-11	-12	-17	-17	-10	-10	-14	-12	-10	-8	-6	-4	-14	-14		

IIT281 40.001.5 IMPERIAL VALLEY EQ. AFTERSHOCK MAY 18, 1940 - 2037 PST +154.0 SEC. EPICENTER - 00 00 00N, 000 00 0
 STATION NO. 117 EL CENTRO, IMPERIAL VALLEY IRRIGATION DISTRICT COMP EAST 32 47 43N, 115 32 5
 INSTR PERIOD = 0.100 SEC DAMPING = 0.528 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

PEAK VALS ACCLN = 10.5 CM/SEC/SEC AT 7.92 SEC VELO = -3.5 CM/SEC AT 5.90 SEC DISP = 3.4 CM AT 4.40 SEC

INITIAL VELO = -1.10686 CM/SEC INITIAL DISP = -0.41589 CM

1498 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.

-6	2	6	10	13	5	0	-2	-4	-5	-3	-1	2	6	10	14	19	23	28	30
21	19	18	18	20	22	26	28	28	28	24	21	13	13	17	17	17	14	12	8
8	11	13	15	17	18	20	21	21	22	23	24	24	21	18	15	14	12	11	10
10	10	9	9	9	10	10	10	10	10	10	10	9	9	9	9	8	8	7	5
3	1	-1	-2	-4	-5	-5	-5	-5	-4	-1	0	2	4	5	7	8	7	7	6
5	3	2	0	1	1	2	3	4	4	5	5	5	6	5	5	5	4	4	5
5	6	5	4	3	3	6	9	12	15	19	20	17	14	10	6	3	6	7	9
11	13	14	11	8	5	2	0	1	2	3	7	10	12	14	15	11	8	3	0
-3	-5	-4	-4	-4	-3	-2	-1	0	2	3	5	1	-2	-8	-6	0	5	5	1
-2	-6	-3	-1	4	7	0	-6	-14	-21	-19	-17	-14	-12	-10	-8	-11	-18	-20	-21
-23	-23	-24	-24	-27	-30	-34	-35	-33	-32	-32	-35	-37	-42	-45	-46	-48	-48	-47	-46
-45	-44	-44	-43	-45	-47	-47	-46	-45	-43	-41	-39	-38	-37	-38	-39	-41	-43	-46	-51
-53	-49	-46	-41	-36	-31	-26	-28	-31	-36	-37	-18	4	-4	-39	-47	-45	-31	-19	-8
-27	-32	-21	-12	2	4	-8	-15	-28	-24	-18	-12	-4	5	4	-2	-2	-6	-7	-7
4	5	-5	-12	-1	-5	-10	-13	-9	-6	-1	3	6	-15	-14	-2	5	29	14	8
15	12	18	15	15	12	4	-6	1	6	11	18	31	26	18	14	8	5	9	11
14	13	10	6	10	14	17	15	13	17	18	23	24	21	24	30	33	37	40	35
31	30	32	34	37	23	25	32	37	38	37	37	42	46	51	46	40	34	33	34
35	36	34	33	34	36	32	24	21	22	30	34	28	21	14	19	27	32	41	33
21	17	8	1	8	22	51	57	44	27	3	-11	3	26	50	75	105	91	24	-23
-97	-79	-37	8	52	11	-17	-11	14	9	43	38	23	6	3	17	16	10	6	0
8	17	26	11	-9	-12	6	19	42	33	18	6	18	27	40	47	16	-15	-34	-4
8	34	37	28	21	8	-2	5	14	24	31	14	1	-16	-8	10	14	-1	-17	-21
-2	4	-8	-19	-32	-25	-15	-2	1	-23	-34	-43	-33	-24	-4	-4	-28	-31	-43	-40
-31	-30	-37	-39	-37	-34	-30	-26	-28	-25	-15	-21	-30	-37	-42	-36	-29	-25	-8	-2
-18	-22	-34	-45	-34	-25	-15	-21	-25	-32	-25	-16	-5	-10	-21	-29	-39	-31	-27	-21
-16	-14	-13	-12	-16	-19	-24	-23	-19	-19	-21	-23	-29	-35	-39	-34	-28	-21	-12	-18
-31	-22	-16	-11	-20	-22	-18	-14	-16	-24	-17	-15	-9	-6	0	-1	-5	-10	-4	-7
-17	-16	-6	0	8	15	18	10	8	16	17	5	10	23	7	9	16	19	22	18
15	15	18	28	22	20	17	16	19	22	27	33	38	45	39	31	24	25	30	37
46	59	60	52	47	37	30	36	43	50	46	39	32	22	22	30	35	45	51	48
42	37	28	22	14	22	27	36	44	52	24	11	0	-7	0	4	11	19	6	-20
-14	-9	2	0	-14	-23	-38	-47	-40	-36	-27	-20	-10	-8	-18	-25	-35	-45	-41	-38
-32	-28	-21	-27	-34	-29	-30	-26	-25	-24	-24	-24	-32	-37	-42	-48	-46	-45	-36	-32
-28	-25	-22	-18	-18	-27	-31	-37	-41	-45	-35	-29	-18	-10	3	-1	-13	-23	-23	-15
-9	1	4	-5	-13	-18	-12	-7	0	8	-17	26	23	13	6	-5	-14	-9	-3	3
13	23	34	41	31	24	13	4	-5	-14	19	0	7	19	29	38	31	25	16	9
2	-5	-2	3	8	16	22	34	32	25	19	12	6	-1	-1	5	9	17	24	31
24	19	13	9	4	1	-2	5	10	17	22	25	26	17	9	10	15	17	23	16
10	5	2	7	13	7	-3	-5	-11	-6	0	4	-5	-9	-14	-20	-20	-15	-12	-7

-12	-16	-18	-11	-9	-7	-6	-7	-8	-9	-10	-9	-5	-3	-8	-12	-11	-4	-2	-7
-7	-5	-4	-1	1	5	10	9	9	-1	-10	-15	-19	-15	-13	-8	-5	-1	-8	-15
-23	-23	-21	-19	-15	-12	-10	-21	-21	-20	-16	-18	-14	-13	-12	-13	-14	-13	-11	-9
-7	-5	-7	-12	-12	-10	-7	-9	-9	-13	-15	-15	-13	-10	-7	-5	-3	-2	-3	-7
-9	-12	-10	-3	0	-4	-8	12	12	-11	-11	-12	-4	0	1	1	0	-5	-5	-5
-4	-3	-2	1	3	6	9	9	9	15	9	12	2	2	2	3	4	5	6	8
9	11	13	15	18	19	19	11	11	19	19	19	21	22	22	23	23	23	22	21
20	19	17	15	13	12	10	11	11	12	14	14	18	19	20	21	22	21	20	18
17	15	14	12	12	13	13	14	14	15	18	20	23	25	28	30	33	27	18	13
8	3	-2	-9	-15	-5	9	20	20	20	5	-4	16	30	27	5	-8	-22	55	45
33	17	25	31	15	11	15	36	33	14	-2	-22	-40	-13	17	8	4	1	16	17
-7	-32	-31	-17	-2	8	-7	-13	-31	-19	-11	-29	-32	-20	-7	-15	-26	-31	-19	-10
-11	-23	-29	-43	-16	-15	-31	-18	-5	-29	-44	-65	-57	-52	-38	-19	-11	-34	-25	-27
-39	-47	-45	-35	-30	-21	-15	-29	-46	-65	-74	-48	-35	-12	-36	-16	-22	-23	-22	-22
-20	-19	-17	-15	-13	-10	-10	-10	-10	-11	-11	-12	-12	-12	-13	-11	-2	12	8	-3
-5	-5	8	17	25	13	8	-6	-4	3	29	22	8	6	16	12	6	6	15	10
5	35	37	29	25	13	4	10	17	31	34	29	20	14	22	26	36	34	15	9
8	24	35	34	27	21	19	29	24	28	20	14	3	0	8	24	29	17	15	4
6	16	7	3	12	14	5	5	13	5	-2	20	12	6	-2	-8	0	7	4	-2
-6	-3	5	-1	-5	0	0	-6	-1	-2	-5	-8	-9	4	20	15	7	-4	7	10
-4	-3	0	7	-7	-8	-2	-1	-2	-5	-6	-2	3	-3	-12	-3	-6	-14	-21	-25
-16	-6	-10	-27	-18	-10	-1	-11	-21	-26	-34	-20	-5	9	0	-17	-14	-5	-15	1
0	1	-7	-16	-18	-7	-2	14	18	5	-2	-14	-9	-1	12	18	9	3	-6	-10
-2	6	15	10	6	0	-7	-1	5	17	14	4	-5	-1	9	16	16	8	3	-5
-10	-2	4	15	10	4	-3	-11	-17	-4	-1	7	-7	-9	-12	-6	5	5	-3	-8
-14	-14	-8	0	5	-5	-10	-5	0	7	8	-2	-10	-17	-10	-5	3	12	17	11
6	-1	-10	-9	-1	4	12	7	4	-1	9	14	4	-4	-9	-2	2	10	6	2
-4	-9	-15	-7	1	10	5	-2	-10	-3	4	12	3	-5	-6	4	1	-8	-13	-1
1	-11	-16	-5	8	11	0	-10	3	10	26	-7	-37	-61	-54	-30	2	-2	1	3
4	7	25	21	8	9	4	-14	-6	17	11	-8	-22	-14	-11	-16	-12	-7	-8	-13
-5	4	22	17	3	-1	-13	-3	-2	-15	-9	-5	0	-4	-2	2	-7	-13	-3	10
2	-5	-3	2	10	14	6	2	-6	0	4	6	3	1	-3	0	7	17	26	16
2	5	11	17	24	19	16	17	23	17	11	12	19	15	10	4	-1	5	15	29
43	10	-6	-5	9	15	27	17	11	2	-8	-12	-4	0	6	19	30	16	11	13
24	22	15	9	0	-8	-12	14	9	-7	-17	-8	-1	15	12	1	-10	-12		

IIT281 40.001.5 IMPERIAL VALLEY EQ. AFTERSHOCK MAY 18, 1940 - 2037 PST +154.0 SEC. EPICENTER - 00 00 00N, 000 00 0
 STATION NO. 117 EL CENTRO, IMPERIAL VALLEY IRRIGATION DISTRICT COMP UP 32 47 43N, 115 32 5
 INSTR PERIOD = 0.095 SEC DAMPING = 0.574 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

PEAK VALS ACCLN = -17.5 CM/SEC/SEC AT 3.26 SEC VELO = -1.9 CM/SEC AT 8.18 SEC DISP = 1.4 CM AT 16.52 SEC

INITIAL VELO = 0.65373 CM/SEC INITIAL DISP = -0.16597 CM

1498 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.

-4	-11	-15	-12	-6	-1	3	0	-3	-7	-12	-11	-8	-6	-3	-4	-5	-6	-7	-8
-8	-8	-8	-8	-8	-9	-9	-9	-9	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10
-19	-18	-17	-17	-16	-15	-14	-13	-12	-12	-12	-12	-12	-12	-12	-12	-12	-12	-12	-12
-13	-13	-12	-11	-9	-8	-6	-5	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4
23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23
28	29	29	29	29	30	30	29	28	27	25	24	24	23	22	22	21	20	20	18
17	16	15	14	12	9	7	11	0	-19	-17	-2	9	32	-12	-75	-54	76	-121	-112
-56	14	22	-175	-54	-57	-61	-51	-14	-17	-19	-29	-23	-20	-15	-7	-24	-44	-9	9
-11	-29	-42	1	10	-13	-33	-51	-20	2	-17	-31	-25	-2	-27	-24	-11	-7	-6	-7
-8	-9	-10	-10	-11	-10	-11	-11	-9	-5	-4	-5	-7	-2	12	18	17	15	12	9
8	7	6	6	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5	4
11	12	13	14	14	14	12	8	4	1	2	3	3	4	6	7	7	6	5	4
4	4	5	6	6	6	6	6	6	5	5	5	4	2	0	1	3	6	8	11
12	11	9	8	6	6	6	6	6	5	4	2	3	4	6	7	5	4	2	1
0	1	1	2	2	2	2	2	2	2	2	2	2	3	4	5	6	4	3	2
0	1	1	2	3	3	4	3	0	-2	-6	-6	-5	-4	-3	-1	-1	-2	-2	-3
-4	-4	-5	-5	-5	-4	-4	-4	-3	-3	-4	-6	-7	-9	-10	-10	-11	-11	-12	-13
-14	-15	-17	-19	-20	-22	-23	-23	-23	-23	-23	-23	-24	-25	-25	-22	-22	-24	-26	-27
-26	-25	-27	-31	-28	-25	-32	-27	-22	-24	-25	-22	-23	-25	-25	-23	-22	-23	-23	-19
-14	-5	0	12	10	-1	-9	-11	-6	0	7	5	0	0	2	4	7	9	10	12
14	17	16	26	26	18	27	25	20	17	16	15	17	19	33	36	34	31	25	25
28	30	29	26	26	26	26	24	25	29	34	37	41	39	36	38	39	34	29	21
17	18	21	24	18	14	12	17	18	18	18	19	17	16	13	9	5	12	13	9
7	7	9	9	8	7	4	0	-4	-4	-1	0	-1	-2	-4	-5	-7	-9	-10	-12
-12	-12	-11	-11	-11	-12	-13	-14	-14	-16	-16	-15	-15	-14	-13	-13	-12	-12	-11	-8
-6	-7	-9	-11	-13	-13	-13	-12	-12	-13	-13	-12	-9	-6	-4	-3	-2	-2	-3	-4
-5	-7	-12	-12	-10	-6	-3	0	1	-1	-1	-5	-7	-5	-4	-4	-3	-3	-3	-3
-2	-1	-1	0	1	2	2	2	2	3	4	5	5	3	2	1	0	-1	-2	-3
-3	-3	-2	-1	-1	-1	-2	-2	-2	-1	-1	0	1	2	2	2	2	2	2	2
2	2	1	0	-1	-3	-3	-1	1	3	3	3	3	2	2	-1	-2	1	4	7
11	12	11	10	9	8	7	8	8	9	9	10	10	9	8	7	5	8	6	5
4	4	6	7	9	10	10	10	10	10	10	9	9	8	8	7	5	4	3	2
0	-1	-2	-3	-3	-3	-2	-1	0	1	2	2	2	2	2	3	4	4	3	2
1	0	-2	-3	-4	-5	-6	-5	-4	-4	-5	-7	-8	-10	-11	-12	-13	-12	-12	-11
-11	-11	-11	-11	-10	-10	-10	-9	-7	-6	-5	-4	-4	-4	-4	-4	-4	-4	-4	-3
-1	-1	0	1	2	2	3	3	3	3	3	3	4	5	6	8	9	10	11	12
13	14	14	15	15	14	13	12	11	10	9	10	11	13	15	16	16	16	16	16
16	16	16	15	14	14	13	12	12	11	10	9	9	8	7	6	6	5	4	3
2	2	1	0	-1	-2	-3	-3	-4	-5	-6	-6	-7	-7	-8	-9	-10	-11	-12	-13

[illegible]

11T282 40.001.6 IMPERIAL VALLEY EQ. AFTERSHOCK MAY 18, 1940 - 2037 PST +203.0 SEC. EPICENTER - 00 00 00N, 000 00 0
STATION NO. 117 EL CENTRO, IMPERIAL VALLEY IRRIGATION DISTRICT COMP NORT 32 47 43N, 115 32 5
INSTR PERIOD = 0.099 SEC DAMPING = 0.552 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

PEAK VALS ACCLN = 3.3 CM/SEC/SEC AT 1.00 SEC VELO = -2.0 CM/SEC AT 26.28 SEC DISP = -1.9 CM AT 8.42 SEC

INITIAL VELO = -1.24539 CM/SEC INITIAL DISP = -0.44801 CM

1527 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.

7	3	2	2	2	3	4	5	6	7	9	11	13	13	14	14	14	15	15
15	15	16	17	17	18	19	20	20	21	21	21	21	22	23	23	24	25	26
26	26	27	27	29	30	32	32	32	33	32	31	29	28	25	22	20	20	20
22	24	26	27	29	28	26	25	23	18	15	12	9	7	4	2	1	3	1
-2	-4	-6	-8	-8	-4	-3	-5	-6	-8	-10	-11	-14	-13	-12	-11	-11	-12	-13
-15	-16	-18	-19	-20	-21	-22	-22	-22	-21	-19	-18	-16	-15	-16	-17	-19	-20	-22
-22	-22	-21	-20	-18	-18	-20	-16	-13	-10	-13	-16	-15	-14	-12	-10	-6	-3	1
3	5	7	7	6	5	5	6	7	10	14	17	19	20	17	12	11	11	11
13	15	17	19	20	23	25	27	27	25	24	23	21	20	18	15	13	12	10
8	5	4	4	4	4	3	2	1	1	0	-2	-3	-5	-7	-9	-12	-15	-16
-17	-18	-19	-20	-20	-21	-21	-22	-22	-23	-23	-24	-24	-24	-24	-24	-24	-25	-25
-26	-27	-27	-28	-28	-29	-29	-30	-30	-30	-31	-31	-31	-31	-31	-31	-31	-31	-31
-20	-22	-23	-25	-22	-19	-16	-15	-13	-12	-11	-10	-7	-6	-4	-4	-4	-5	-5
-5	-5	-3	-2	0	2	3	4	6	7	8	9	10	11	12	13	13	13	12
12	13	13	14	15	16	17	16	15	14	15	16	18	18	16	14	12	11	10
8	7	6	5	5	4	3	2	2	2	2	3	4	5	6	8	-1	-5	-8
-12	-13	-11	-10	-7	-4	-9	-14	-17	-18	-17	-17	-17	-17	-17	-17	-17	-17	-17
-16	-15	-15	-14	-13	-12	-12	-11	-12	-12	-13	-14	-14	-13	-12	-11	-10	-10	-9
-8	-8	-7	-7	-6	-5	-5	-4	-3	-2	-2	-1	-1	0	0	1	2	3	3
4	5	6	6	7	8	9	9	10	10	11	11	12	14	15	17	18	19	20
22	23	24	24	25	25	26	26	27	28	29	29	30	30	30	28	28	27	27
27	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	27	26
25	24	23	23	22	21	21	20	20	18	16	14	12	12	11	10	9	9	8
6	5	4	4	4	5	5	5	5	5	4	2	1	0	-2	-2	-1	-1	0
-1	-1	-2	-2	-3	-3	-4	-5	-6	-6	-7	-8	-9	-9	-8	-7	-6	-5	-6
-9	-10	-11	-10	-5	1	2	-2	-5	-11	-20	-18	-17	-9	-7	-12	-14	-17	-19
-23	-9	1	4	3	-5	-12	-20	-23	-30	-28	-20	-19	-15	-16	-15	-16	-19	-23
-20	-17	-16	-13	-12	-10	-10	-14	-17	-19	-21	-23	-23	-21	-18	-18	-17	-17	-20
-17	-17	-16	-14	-12	-10	-8	-9	-10	-11	-12	-13	-14	-15	-16	-15	-15	-15	-15
-14	-13	-12	-10	-9	-8	-6	-5	-4	-3	-4	-4	-4	-5	-5	-4	-3	-2	-2
-1	-1	0	1	1	2	2	3	4	4	4	4	4	5	5	5	6	6	6
9	7	6	6	7	8	9	11	12	13	13	13	12	12	12	11	11	11	10
6	6	7	9	10	12	12	11	10	9	9	8	6	4	3	3	3	4	5
2	2	3	3	3	4	4	3	2	1	0	-1	-1	-1	-1	-1	-1	0	0
1	1	2	3	3	3	3	4	4	4	4	3	3	3	3	3	3	4	4
3	3	1	0	0	0	0	2	3	4	4	1	1	1	2	7	9	10	9
8	7	7	7	7	7	7	8	9	9	10	11	12	12	13	14	15	15	16
16	17	17	18	19	19	20	20	19	19	18	18	17	17	16	15	14	13	13
13	12	12	12	11	10	8	7	6	5	4	4	3	2	2	2	3	3	2

1	0	-2	-3	-4	-4	-5	-6	-7	-7	-8	-8	-9	-9	-9	-10	-10	-11	-12	-12
-13	-14	-14	-15	-15	-16	-16	-17	-17	-18	-18	-18	-18	-18	-19	-19	-19	-20	-21	-21
-22	-23	-23	-23	-22	-21	-21	-20	-20	-20	-20	-20	-20	-20	-20	-20	-20	-20	-19	-19
-18	-18	-18	-20	-21	-22	-22	-21	-20	-19	-17	-17	-16	-15	-14	-13	-13	-14	-14	-15
-15	-15	-15	-15	-15	-15	-15	-14	-12	-11	-11	-11	-21	-18	-16	-13	-10	-7	-5	-6
-7	-9	-10	-11	-13	-14	-15	-13	-12	-10	-8	-6	-4	-3	-4	-5	-6	-7	-6	-6
-5	-4	-3	-2	-2	-1	0	2	3	5	6	6	7	7	8	8	10	13	16	19
21	19	16	14	15	15	16	17	18	19	20	22	25	26	26	27	27	28	29	30
31	32	32	30	29	29	30	31	32	32	31	30	29	28	26	24	23	21	22	23
26	24	21	18	21	23	23	24	22	21	19	18	17	16	15	14	13	12	11	11
12	13	14	15	13	12	11	9	8	7	6	5	4	3	2	1	0	0	-1	-1
-2	-2	-3	-5	-6	-7	-8	-10	-11	-11	-10	-10	-10	-10	-11	-10	-9	-8	-7	-9
-10	-12	-13	-14	-15	-15	-13	-11	-9	-7	-8	-9	-10	-12	-14	-16	-17	-17	-16	-14
-12	-14	-16	-18	-20	-19	-19	-18	-17	-17	-17	-17	-17	-17	-17	-17	-17	-16	-16	-16
-15	-15	-14	-13	-11	-9	-7	-7	-6	-6	-5	-6	-7	-8	-9	-8	-7	-6	-5	-3
-2	-1	-1	-2	-3	-4	-4	-10	-12	-10	-8	-6	-7	-7	-8	-8	-7	-6	-5	-4
-3	-3	-2	-1	0	0	1	2	2	3	4	4	4	4	3	3	2	1	0	-2
-3	-2	-1	0	2	3	3	2	1	1	-1	-2	-3	-5	-6	-3	-1	1	3	4
6	4	4	6	8	7	6	5	4	3	4	6	8	9	8	8	7	6	5	4
4	4	4	6	8	11	12	10	9	8	7	6	5	4	4	4	5	5	5	6
6	6	7	8	10	12	12	11	11	10	9	8	8	8	9	13	13	11	7	7
11	13	12	12	11	10	12	-2	-3	-5	-6	-5	-3	-1	2	5	7	5	3	1
-3	-7	-10	-13	-12	-12	-11	-8	-10	-13	-16	-20	-19	-20	-19	-17	-16	-14	-15	-19
-22	-26	-29	-26	-25	-27	-28	-31	-31	-30	-30	-28	-27	-26	-25	-23	-22	-21	-21	-21
-20	-20	-20	-19	-19	-19	-18	-18	-18	-18	-17	-17	-17	-17	-16	-16	-15	-14	-13	-12
-12	-11	-10	-9	-9	-8	-7	-7	-6	-5	-5	-5	-2	-1	0	2	3	4	6	8
10	12	13	15	15	15	15	15	15	15	15	17	18	19	21	22	23	24	26	27
28	29	30	31	31	31	31	30	30	29	28	28	27	27	27	26	26	26	26	25
25	25	23	23	21	20	19	18	17	16	16	15	14	14	13	12	12	11	10	10
10	9	9	9	8	8	7	7	7	7	7	7	7	7	6	6	6	6	6	6
5	4	3	2	1	-1	-1	0	1	2	2	3	4	4	5	4	4	4	3	2
1	0	0	0	0	0	0	-1	0	0	0	0	0	0	1	2	2	3	5	5
4	4	3	3	2	2	0	-1	-2	-4	-5	-6	-6	-7	-7	-7	-7	-7	-7	-6
-5	-4	-3	-2	-1	-1	-2	-3	-5	-6	-8	-9	-11	-13	-12	-11	-10	-9	-7	-7
-7	-7	-8	-8	-8	-9	-9	-9	-11	-12	-13	-12	-11	-11	-10	-11	-10	-9	-7	-7
-1	0	0	1	1	-1	-2	-3	-1	0	2	-13	-12	-11	-10	-8	-7	-5	-3	-3
-3	-1	1	2	3	-1	-2	-3	-1	0	2	-13	-12	-11	-10	-8	-7	-5	-3	-3

JIT282 40-001.6 IMPERIAL VALLEY EQ. AFTERSHOCK MAY 18, 1940 - 2037 PST +203.0 SEC. EPICENTER - 00 00 00N, 000 00.0
 STATION NO. 117 EL CENTRO, IMPERIAL VALLEY IRRIGATION DISTRICT COMP EAST 32 47 43N, 115 32 5
 INSTR PERIOD = 0.100 SEC DAMPING = 0.528 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

PEAK VALS ACIN = 3.9 CM/SEC/SEC AT 10.60 SEC VELO = -1.7 CM/SEC AT 5.96 SEC DISP = -1.5 CM AT 7.44 SEC
 INITIAL VELO = -0.39351 CM/SEC INITIAL DISP = -0.08017 CM
 1527 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.

-19	-19	-19	-16	-8	-2	6	8	2	1	-1	2	10	8	-3	-2	0	2	6	9
12	12	8	5	0	2	6	10	15	17	4	4	1	-1	4	12	19	25	19	16
11	8	9	10	10	10	9	8	6	3	-3	-8	-13	-9	-5	-1	3	6	3	2
-2	-7	-15	-12	-7	-3	2	6	1	-3	-6	-8	-2	1	7	1	-9	-9	-6	-5
-1	3	6	-2	-4	-3	2	3	4	5	6	5	6	6	6	6	4	4	1	2
4	6	6	7	7	8	8	10	11	13	19	24	11	8	5	3	5	12	23	16
21	10	10	9	12	13	15	16	17	19	21	20	11	13	16	19	23	23	17	16
14	15	15	15	14	11	4	5	4	5	6	11	12	7	4	-3	-7	-10	-10	-7
-6	-5	-3	0	-3	-6	-10	-10	-8	-7	-5	-5	-5	-5	-9	-10	-11	-10	-10	-10
-12	-13	-15	-17	-16	-15	-14	-13	-12	-10	-9	-7	-6	-4	-6	-7	-9	-5	-3	-3
-4	-8	-13	-20	-20	-15	-12	-7	-3	-3	-3	-4	-4	-6	-10	-13	-14	-12	-10	-10
-10	-10	-10	-10	-9	-8	-7	-9	-12	-15	-18	-18	-18	-18	-18	-18	-17	-13	-12	-13
-13	-14	-15	-17	-19	-18	-17	-16	-16	-15	-16	-17	-18	-17	-14	-12	-10	-11	-16	-16
-11	-7	-10	-11	-13	-16	-18	-17	-16	-15	-13	-11	-9	-9	-8	-7	-7	-7	-7	-9
-13	-12	-10	-9	-8	-8	-11	-13	-13	-13	-13	-11	-10	-8	-7	-5	-4	-2	0	2
2	2	3	3	3	3	3	3	1	0	-1	-3	0	7	11	18	8	3	-3	-2
3	6	5	0	-5	-2	2	4	7	9	12	14	17	16	5	9	12	15	20	17
9	11	16	21	21	5	9	13	16	23	25	17	14	15	18	20	24	26	26	24
23	17	13	13	16	20	25	27	24	23	20	18	16	31	28	26	24	20	17	18
18	19	19	20	19	18	16	14	13	12	11	14	19	22	28	28	25	23	20	19
17	15	13	11	9	9	8	7	6	6	5	4	4	4	3	3	2	1	1	0
0	0	-1	-3	-5	-6	-8	-9	-9	-10	-9	-6	-3	-2	-5	-6	-9	-10	-12	-14
-16	-15	-14	-15	-17	-18	-20	-21	-23	-24	-23	-20	-18	-16	-15	-13	-14	-16	-19	-21
-24	-23	-21	-19	-17	-16	-14	-14	-15	-17	-18	-16	-15	-12	-10	-6	-4	0	-1	-6
-11	-12	-11	-10	-8	-7	-4	-7	-7	-12	-5	1	11	5	-5	-3	-9	-10	-10	-7
-6	-5	-4	-3	-1	-1	-11	-16	-21	-15	-11	0	9	21	15	5	-3	-11	-7	-6
0	9	16	10	6	-1	-5	-5	2	11	39	28	4	-7	-17	-4	10	30	9	1
-18	-1	5	-6	-2	-2	8	17	12	5	-1	8	6	2	1	13	26	25	0	16
12	-1	10	26	7	-5	-7	11	26	21	5	-3	2	9	12	16	19	21	18	11
5	-4	-8	0	13	17	7	1	-4	7	11	5	-2	-3	2	5	12	10	3	-2
-6	-4	-3	-2	-3	-3	-3	3	10	14	1	0	-3	-3	-1	1	7	11	7	7
3	2	0	0	-2	-2	1	4	5	4	3	2	0	-1	0	1	2	3	2	1
-1	-2	-3	-5	-6	-4	-4	-2	-1	0	-3	-6	-8	-5	-3	-3	-8	-5	-3	0
3	6	-5	-8	-10	-8	-3	3	5	-1	-6	-9	-12	-11	-8	-5	-2	2	-1	-6
-9	-11	-12	-8	-6	-7	-2	-7	-7	-3	-6	-9	-8	-10	-9	-11	-10	-7	-8	-14
-11	-7	-3	-10	-15	-15	-14	-12	-9	-2	0	-6	-8	-10	-12	-13	-13	-9	-5	-5
-1	-5	-10	-11	-10	-10	-12	-16	-18	-22	-21	-20	-19	-18	-17	-15	-13	-11	-9	-4
-2	-6	-12	-12	-9	-8	-6	-5	-3	-2	0	2	3	-1	-3	1	3	5	7	8
9	8	8	6	4	1	-1	-1	3	5	8	11	20	23	15	11	10	8	10	13
17	24	29	23	17	15	14	13	11	15	22	25	24	10	13	18	24	21	14	14

13	7	12	14	14	16	17	20	16	10	12	14	16	18	22	18	11	11	8	5	1	6
-2	-3	-4	-4	-4	-4	-7	-11	-16	2	6	8	13	-17	-21	0	-5	-3	-2	1	4	1
-30	-33	-31	-31	-30	-27	-29	-27	-26	-24	-22	-20	-19	-18	-18	-21	-16	-12	-17	-21	-25	-28
-18	-20	-16	-16	-13	-6	-8	-5	-15	-19	-15	-13	-10	-6	-5	-6	-10	-14	-14	-16	-10	-16
-5	-3	-1	-1	-3	-5	-5	-5	-3	-2	-1	0	1	2	3	2	2	1	5	0	0	-1
-1	0	0	0	0	1	2	1	1	1	0	0	1	2	3	3	4	4	5	5	4	3
2	2	3	3	3	5	4	4	5	4	4	4	3	3	3	4	4	4	6	7	8	9
9	9	9	10	14	15	15	15	15	14	13	12	12	11	15	14	14	9	13	10	8	12
15	17	19	19	20	18	18	20	20	22	20	16	13	14	16	14	21	22	24	24	27	19
14	11	10	10	15	17	17	21	25	22	16	15	11	11	11	14	19	11	11	7	6	5
4	3	1	1	0	-1	-1	-1	-1	0	2	3	1	-1	-3	-2	-1	-8	-15	-15	-8	-6
-1	2	6	6	5	4	4	-1	-8	-3	0	4	9	9	2	-2	-11	-13	-10	-10	-6	-8
-20	-20	-25	-25	-23	-20	-20	-16	-12	-7	-13	-19	-24	-24	-24	-20	-13	-17	-22	-26	-21	-20
-17	-15	-11	-11	-17	-22	-22	-24	-24	-21	-17	-13	-11	-14	-18	-22	-29	-32	-34	-34	-33	-29
-28	-26	-26	-26	-27	-28	-28	-25	-22	-19	-17	-15	-14	-15	-16	-17	-17	-17	-18	-18	-19	-20
-20	-17	-16	-16	-13	-10	-10	-8	-9	-9	-9	-9	-8	-8	-6	-3	1	6	6	6	3	0
-1	4	7	7	10	8	8	7	4	5	9	12	15	19	21	21	20	22	23	23	21	18
16	16	15	15	15	16	16	17	17	19	21	23	26	28	29	29	24	21	18	18	16	18
19	20	18	18	16	18	18	22	24	26	17	14	11	12	12	13	16	18	20	20	22	19
13	11	6	6	11	17	17	26	24	12	2	-2	7	11	21	20	10	7	9	9	10	12
11	11	10	9	9	8	8	7	6	5	4	2	0	-2	-4	-6	0	4	4	4	15	3
-4	-5	-9	-9	-6	-5	-5	-3	-2	-1	0	1	-1	-3	-5	-4	-2	-2	-4	-4	-3	-3
-2	-1	-1	-1	-2	-2	-2	-3	-4	-5	-6	-6	-7	-8	-8	-8	-8	-8	-9	-9	-9	-9
-10	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10	-11	-14	-16	-18	-16	-12	-13	-14	-14	-15	-16
-18	-20	-21	-21	-23	-24	-24	-22	-21	-19	-17	-15	-16	-16	-16	-21	-17	-17	-17	-17	-18	-18
-18	-19	-19	-19	-19	-18	-19	-18	-18	-18	-17	-18	-19	-19	-20	-21	-21	-19	-17	-17	-14	-13
-12	-11	-10	-10	-10	-10	-9	-10	-11	-12	-13	-12	-11	-9	-8	-8	-9	-9	-9	-9	-10	-11
-9	-6	-4	-4	-1	1	1	2	3	4	5	6	7	8	9	10	11	12	12	12	10	12
14	8	7	7	11	13	13	17	20	23	19	12	12	11	13	16	19	20	21	21	22	22
22	22	22	22	22	22	22	22	22	22	22	21	21	21	20	20	19	19	18	18	17	16
16	15	14	14	13	12	12	10	9	7	8	8	9	10	10	8	6	9	13	13	11	6
1	0	-1	-1	-1	-2	-2	-2	-2	-2	-2	1	3	5	0	-5	-8	-7	-5	-5	-5	-4
-3	-3	-4	-4	-4	-5	-5	-5	-6	-6	-7	-8	-8	-8	-7	-5	-4	-2	0	0	0	0
0	0	0	0	0	0	0	1	2	3	3	4	4	3	2	0	-2	-4	-4	-4	-5	-5
-5	-4	-2	-2	0	2	2	3	4	3	3	4	4	3	2	0	-2	-2	-4	-4	-5	-5

IIT282 40.001.6 IMPERIAL VALLEY EQ. AFTERSHOCK MAY 18, 1940 - 2037 PST +203.0 SEC.
 STATION NO. 117 EL CENTRO, IMPERIAL VALLEY IRRIGATION DISTRICT
 INSTR PERIOD = 0.095 SEC DAMPING = 0.574 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.
 EPICENTER - 00 00 00N, 000 00 0
 COMP UP 32 47 43N, 115 32 5

PEAK VALS	ACLN =	1.5	CM/SEC/SEC AT	5.54	SEC	VELO =	-0.9	CM/SEC AT	3.42	SEC	DISP =	1.0	CM AT	11.10	SEC
-----------	--------	-----	---------------	------	-----	--------	------	-----------	------	-----	--------	-----	-------	-------	-----

INITIAL VELO = 0.39480 CM/SEC INITIAL DISP = 0.13342 CM

1527 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.

[illegible]

11T283 40.001.7 IMPERIAL VALLEY EQ. AFTERSHOCK MAY 18, 1940 - 2037 PST +242.0 SEC. EPICENTER - 00 00 00N, 000 00 00
STATION NO. 117 EL CENTRO, IMPERIAL VALLEY IRRIGATION DISTRICT COMP NORT 32 47 43N, 115 32 5
INSTR PERIOD = 0.099 SEC DAMPING = 0.552 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

PEAK VALS ACCLN = -54.0 CM/SEC/SEC AT 6.92 SEC VELO = -5.1 CM/SEC AT 6.98 SEC DISP = -2.8 CM AT 7.82 SEC

INITIAL VELO = 0.35514 CM/SEC INITIAL DISP = -0.25177 CM

1523 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.

-15	-13	-12	-11	-10	-9	-8	-8	-8	-9	-9	-9	-10	-10	-9	-8	-8	-7
-6	-5	-5	-5	-5	-5	-5	-6	-6	-7	-7	-7	-11	-11	-9	-8	-6	-4
-2	-3	-3	-4	-5	-3	0	2	3	0	0	-2	-2	-2	-1	0	1	2
4	5	5	6	6	6	6	6	6	6	6	6	6	6	8	10	13	16
17	16	13	12	10	9	8	8	9	13	16	17	19	19	18	18	16	15
13	13	12	11	10	8	7	7	7	7	8	9	10	12	21	24	20	18
10	6	-1	-3	2	6	15	8	0	-9	-6	0	8	22	14	-1	-23	-14
2	16	13	0	-12	-17	-7	-3	4	9	-2	-23	-30	-13	6	-5	-11	-25
-3	29	22	13	-4	-25	-38	-31	-4	11	-11	-17	-39	-37	25	38	18	-3
26	1	-2	-21	-32	-49	-27	-4	24	46	8	-18	17	32	-14	20	4	-51
-45	-25	6	33	16	-9	-10	10	26	-2	-20	-51	-48	-30	-12	-20	-38	-56
-46	-11	29	20	-34	-48	-28	-11	14	3	-12	-31	-34	11	30	36	24	3
-36	-17	-6	15	0	-8	8	16	22	31	35	48	2	-25	-41	-60	30	14
11	27	40	23	13	-7	7	32	58	69	53	43	24	7	2	9	17	27
7	-19	-41	-14	6	-40	-118	-141	-153	-175	-210	-230	-230	-164	-108	-46	10	-1
65	168	270	253	130	43	-72	-177	-168	-83	-20	84	158	245	177	79	-12	-155
-224	-129	-135	-218	-234	-164	-91	-6	96	187	297	284	156	70	-66	-159	-253	-208
161	255	401	176	-135	-405	-640	-373	-275	-12	221	245	151	81	-27	-116	-217	-116
294	255	139	60	-108	-69	18	94	200	307	322	85	-19	-208	-184	-146	-69	22
250	145	-72	-64	11	61	44	75	106	131	126	114	87	49	58	17	-43	-125
71	138	143	47	-3	-23	0	23	4	-38	-62	-108	-28	55	129	98	57	19
-87	-49	-13	33	78	91	63	45	12	-2	20	29	-2	-19	-40	-56	-7	33
126	46	-2	-80	-85	-38	8	15	-30	-40	-40	-33	-45	-49	-54	23	26	16
50	15	-15	-53	-84	-40	8	94	86	43	19	-31	-14	30	71	78	22	-30
-104	-39	-62	-51	-44	-6	28	89	57	27	-18	-24	8	33	76	112	78	23
-8	-40	-54	-75	-99	-90	-55	-9	32	44	30	4	-21	-21	-13	24	51	78
6	-20	-45	-6	69	87	61	33	-1	-29	-35	-31	-50	-62	-64	-25	22	55
-26	-72	-70	-48	-25	12	42	34	-4	-13	6	8	-24	-79	-101	-118	-126	-128
-70	1	81	137	257	218	73	24	-100	-128	-105	-86	-60	-92	-119	-138	-86	-53
41	45	26	-1	-9	-13	-7	7	51	103	102	64	46	1	-40	-52	-61	-47
84	155	270	218	188	149	106	78	37	-10	-106	-116	-132	-139	-142	-163	-205	-206
-133	-4	69	147	214	260	252	217	186	143	108	72	37	-13	-42	-76	-71	-28
74	77	54	41	15	-2	-21	-38	-57	-65	-42	-24	-2	-16	-34	-54	-41	0
74	92	67	52	16	-19	-58	-93	-133	-114	-73	-36	11	55	97	94	90	82
83	48	21	44	60	84	111	123	82	48	7	-33	-51	-57	-55	-49	-44	-36
-55	-66	-78	-88	-101	-99	-89	-81	-69	-65	-76	-83	-96	-106	-118	-98	-74	-47
19	11	7	10	22	22	3	-15	-36	-56	-45	-31	-18	0	3	-14	-7	8
100	90	54	21	-12	-19	-11	-5	2	12	11	3	3	1	6	9	15	15
4	1	-5	-14	-22	-19	-8	9	24	43	60	81	86	65	48	25	-1	-15
-16	-9	-10	-12	-24	-39	-46	-33	-25	-23	-19	-11	3	28	67	58	34	9

IIT283 40.00L.7 IMPERIAL VALLEY EQ. AFTERSHOCK MAY 18, 1940 - 2037 PST +242.0 SEC. EPICENTER - 00 00 00N, 000 00 0
 STATION NO. 117 EL CENTRO, IMPERIAL VALLEY IRRIGATION DISTRICT COMP EAST 32 47 43N, 115 32 5
 INSTR PERIOD = 0.100 SEC DAMPING = 0.528 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

PEAK VALS ACCLN = 77.2 CM/SEC/SEC AT 6.66 SEC VELO = -4.0 CM/SEC AT 7.02 SEC DISP = -1.6 CM AT 7.66 SEC

INITIAL VELO = 0.42787 CM/SEC INITIAL DISP = -0.24941 CM
 1522 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.

12	12	12	11	10	10	8	9	11	13	15	12	10	7	4	3	2	2	3
4	5	7	9	15	23	19	8	8	7	15	14	25	18	8	-3	-15	-18	-8
2	10	19	14	3	-3	-12	-15	-7	-3	4	6	2	-2	-7	-13	-19	-23	-19
-6	0	-10	-17	-22	-15	-9	-10	-18	-20	-16	-12	-6	-6	-9	-11	-14	-14	-17
-10	-3	6	1	-4	-9	-13	-17	-15	-13	-8	-3	-3	-3	-6	-8	-13	-7	-9
-7	-7	-6	-5	-5	-5	-5	-4	0	1	1	1	0	0	-1	-1	-2	-2	-3
-3	-4	-1	-1	1	-11	5	18	-2	-12	-8	9	0	-3	-10	0	-6	-6	5
30	2	-6	-25	-11	-1	-13	10	-8	-37	-8	-4	10	7	-10	17	16	2	-1
10	21	-13	-13	6	-25	-16	-13	-14	-28	-35	30	23	-4	-13	-21	25	11	-20
11	-42	-26	-5	-21	-37	-1	-19	-16	12	21	-14	2	18	-13	-27	-48	-69	-41
27	19	-1	-17	-37	-59	-8	19	-7	-25	-57	-25	6	-16	52	34	5	-22	-31
36	11	-22	-43	-54	20	11	-4	-18	22	11	-25	-36	10	28	45	9	-22	-27
26	2	29	45	-1	-27	-64	1	49	15	-24	27	20	1	-31	-24	-2	-28	-19
49	39	7	-14	-42	7	50	71	64	49	20	-27	15	15	3	27	39	45	-7
20	16	44	21	62	48	-4	1	55	86	130	147	138	128	105	133	170	172	-27
-251	-250	-164	-67	60	247	182	80	-11	-141	-264	-208	-43	53	18	-22	-94	-171	-230
-270	-195	-36	99	218	245	113	43	0	133	234	451	527	772	265	-659	-499	-630	-532
-323	-227	-100	15	100	177	-10	-181	-323	-272	-161	-22	134	269	426	555	427	320	127
-76	-43	46	28	-24	-169	-229	-107	-161	-157	80	193	240	201	72	-79	-82	-72	-90
-39	89	181	159	104	126	173	141	36	-67	-92	-28	-111	-27	23	-24	-86	-82	2
66	18	-26	-103	-117	-40	25	124	121	66	29	-39	4	-5	-76	-55	45	4	40
95	41	9	-61	-52	21	91	84	39	10	-35	-78	-117	-167	-157	-103	-28	60	144
164	120	28	-38	-2	16	-52	-6	35	101	131	99	79	38	6	-22	-45	0	2
-43	0	-5	-49	15	112	108	70	24	-21	-19	-56	-62	-125	-124	-59	40	-62	-106
-87	-78	-7	34	108	48	11	-70	-61	-53	-79	-82	-68	38	53	-3	-23	-86	-118
13	91	69	33	-4	-47	-1	32	-7	-2	28	30	-9	-20	4	7	-17	-33	-56
0	-30	-42	1	29	78	61	24	-12	-48	-78	-112	-126	-50	-5	47	68	36	25
75	48	0	-76	-110	-94	-68	-31	8	55	47	-19	-43	-56	-67	-76	-88	-79	-38
94	115	156	77	57	-12	-4	-32	-63	-80	-133	-172	-140	-81	-106	-80	-27	34	113
193	106	49	-43	-26	-42	-107	-173	-192	-101	-6	90	131	126	103	89	22	11	63
150	184	164	82	-5	-51	-118	-92	-61	-25	7	-29	-55	-94	-70	-19	40	122	136
75	40	-13	42	115	160	182	124	89	23	-32	-95	-147	-130	-123	-135	-141	-150	-162
-130	-107	-84	-106	-122	-27	35	63	4	-31	-94	-117	-20	46	134	228	308	267	175
63	91	54	13	-35	-91	-133	-154	-170	-191	-174	-96	-45	26	91	164	234	274	283
51	-49	-150	-179	-149	-126	-84	-52	-24	0	-16	-4	-33	-18	-19	33	82	112	123
79	41	16	35	32	27	-4	-48	-86	-126	-104	-86	-54	-16	-2	-31	-28	2	26
46	-12	-41	-61	-54	-33	0	27	61	81	91	100	98	90	77	40	12	-13	-39
-34	30	72	106	77	58	50	-9	-48	-44	-42	-70	-63	-84	-83	-75	-50	-39	-44
-36	-34	5	27	46	21	13	21	28	36	4	-28	-63	-94	-132	-135	-95	-61	-16
53	90	55	19	-12	-50	-36	-34	2	33	72	83	56	34	37	51	24	6	-19

11T283 40.001.7 IMPERIAL VALLEY EQ. AFTERSHOCK MAY 18, 1940 - 2037 PST +242.0 SEC. EPICENTER - 00 00 00N, 000 00 0
STATION NO. 117 EL CENTRO, IMPERIAL VALLEY IRRIGATION DISTRICT COMP UP 32 47 43N, 115 32 5
INSTR PERIOD = 0.095 SEC DAMPING = 0.574 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

PEAK VALS ACCLN = 42.9 CM/SEC/SEC AT 2.78 SEC VELO = 2.1 CM/SEC AT 3.48 SEC DISP = 1.0 CM AT 4.06 SEC

INITIAL VELO = 0.57694 CM/SEC INITIAL DISP = -0.14934 CM

1525 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.

-5	-6	-6	-6	-7	-7	-7	-7	-8	-8	-8	-8	-7	-7	-7	-6	-6	-5	-4	-5
-6	-7	-8	-9	-6	-4	-2	-1	0	1	1	1	2	3	4	4	4	5	5	6
6	6	4	3	2	0	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	0	0	0
0	0	-1	-1	-2	-3	-4	-4	-4	-5	-5	-5	-5	-6	-6	-6	-7	-7	-7	-7
-7	-6	-6	-6	-5	-5	-4	-4	-3	-3	-3	-3	-3	-3	-3	-4	-5	-6	-6	-6
-7	-7	-7	-7	-8	-9	-7	-8	-6	-7	-5	-5	-11	-17	-26	-24	-25	-52	-42	-52
-132	-65	-11	74	177	236	57	-93	3	220	250	76	-107	-114	-35	49	-114	-318	88	429
-53	-205	22	254	75	-199	-184	-71	-46	-87	-132	149	219	84	-45	-139	62	-40	-70	101
56	-173	-183	-74	33	204	339	203	-6	-1	54	150	252	286	-191	-104	-84	-16	87	55
-100	-207	-340	-134	44	219	359	-95	-162	-100	-70	13	74	-98	-18	-42	-126	-55	-4	60
25	-30	-84	-74	-9	-19	-83	-27	-3	-15	-53	-106	7	4	-99	-70	7	87	114	-3
-30	6	8	9	7	46	52	1	-28	-67	-61	-28	19	61	19	-8	6	42	13	-35
-90	-13	90	-4	-75	-98	-14	-6	-21	-70	-26	17	31	-1	-27	-59	-41	-9	18	53
-22	-34	43	96	-46	-98	-15	3	38	-11	28	59	57	71	83	-34	-64	19	71	6
-81	-20	13	17	-12	-51	-15	3	8	8	-24	-42	6	1	-55	-104	-31	35	84	14
-33	-86	129	97	28	-21	20	-11	-60	-86	108	112	24	-55	-64	-6	37	41	24	11
13	29	22	4	-12	-35	-31	24	66	120	95	56	-12	-2	-5	-2	-22	23	99	161
123	68	11	-40	-84	-136	-133	-82	-20	47	19	34	75	112	18	-63	-173	-156	-97	-41
-63	-41	14	61	103	56	15	21	46	22	0	-32	-33	-10	7	35	38	18	-3	-25
-52	-52	-20	12	20	2	32	54	30	-1	-25	1	-2	-50	2	32	8	15	34	-46
-77	-7	46	25	-5	-11	14	39	22	-64	-43	10	34	-33	27	78	53	-19	-21	35
14	-20	-62	-34	-16	-42	-8	10	52	46	10	-23	-40	40	55	-2	-26	34	10	-28
-72	-56	9	-10	46	45	-22	-79	-79	-38	-3	27	-6	26	21	-30	-6	10	29	18
4	-11	-33	-22	22	61	55	29	7	13	30	49	51	29	13	-11	-13	-7	-1	3
2	3	1	3	5	2	-1	3	5	-2	-9	-17	-20	-5	9	24	19	12	4	-7
-6	8	19	26	19	27	28	5	-22	-24	1	17	7	-14	-14	8	29	50	20	-11
30	48	-15	-32	11	56	49	15	-15	-35	-22	-16	-2	10	18	6	-2	-16	-25	-38
-40	-29	-19	-6	9	17	5	-4	-17	-28	-13	18	14	-1	-18	-15	3	17	17	12
8	1	-1	-1	-2	-2	-2	-2	-2	-7	-21	-34	-32	3	23	12	6	-7	-19	-8
25	29	21	14	4	-6	-5	26	26	12	-3	-16	-1	16	-17	-21	5	9	8	5
4	5	6	6	7	7	7	5	-1	-6	-11	-13	-17	-17	-17	-5	15	16	5	-3
-14	-22	-31	-39	-49	-46	-37	-29	-20	-11	-2	10	24	33	29	25	20	14	7	0
-7	-13	-19	-25	-31	-32	-26	-21	-14	-8	-4	0	3	6	4	1	-3	-6	-8	-9
-11	-14	-16	-19	-20	-18	-17	-16	-14	-13	-11	-9	-8	-6	-5	-3	-2	0	1	3
4	5	7	7	8	9	9	10	10	11	12	14	15	16	16	12	8	3	-1	-5
-9	-13	-17	-21	-20	-18	-16	-13	-11	-7	-3	0	4	8	12	14	10	7	4	4
1	-2	-4	-7	-7	-4	-4	2	5	9	10	6	4	5	6	7	5	3	0	-3
-5	-7	-8	-9	-11	-12	-14	-13	-9	-5	0	4	9	10	9	9	8	7	6	5
4	3	3	2	2	1	1	1	2	4	6	8	10	8	5	3	0	-3	-6	-9
-5	1	8	15	22	29	35	29	20	10	3	-3	-8	-14	-20	-25	-23	-18	-13	-10

-8	0	7	19	4	-10	-14	2	4	4	-2	4	2	-4	-6	-1	-10	-1	-12	0	0	-13	-22	-1	2	3	3	-15	-13	4	-10	5	4	3	-4	2	1
0	11	18	4	-8	12	10	-18	-1	-4	-2	7	9	10	15	0	-8	9	-12	8	-4	-13	-22	-1	-14	-14	-14	-17	-13	-15	-13	-4	-10	-7	-4	2	3
19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0	-1	-2	-3	-4	-5	-6	-7	-8	-9	-10	-11	-12	-13	-14	-15	-16	-17
4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
-10	-8	-6	-4	-2	0	2	4	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40	42	44	46	48	50	52	54	56	58	60	
-14	-12	-10	-8	-6	-4	-2	0	2	4	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40	42	44	46	48	50	52	54	56	
2	4	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40	42	44	46	48	50	52	54	56	58	60	62	64	66	68	70	72	
4	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40	42	44	46	48	50	52	54	56	58	60	62	64	66	68	70	72	74	76
6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40	42	44	46	48	50	52	54	56	58	60	62	64	66	68	70	72	74	76	78
8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40	42	44	46	48	50	52	54	56	58	60	62	64	66	68	70	72	74	76	78	80
10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40	42	44	46	48	50	52	54	56	58	60	62	64	66	68	70	72	74	76	78	80	82
12	14	16	18	20	22	24	26	28	30	32	34	36	38	40	42	44	46	48	50	52	54	56	58	60	62	64	66	68	70	72	74	76	78	80	82	84
14	16	18	20	22	24	26	28	30	32	34	36	38	40	42	44	46	48	50	52	54	56	58	60	62	64	66	68	70	72	74	76	78	80	82	84	86
16	18	20	22	24	26	28	30	32	34	36	38	40	42	44	46	48	50	52	54	56	58	60	62	64	66	68	70	72	74	76	78	80	82	84	86	88
18	20	22	24	26	28	30	32	34	36	38	40	42	44	46	48	50	52	54	56	58	60	62	64	66	68	70	72	74	76	78	80	82	84	86	88	90
20	22	24	26	28	30	32	34	36	38	40	42	44	46	48	50	52	54	56	58	60	62	64	66	68	70	72	74	76	78	80	82	84	86	88	90	92
22	24	26	28	30	32	34	36	38	40	42	44	46	48	50	52	54	56	58	60	62	64	66	68	70	72	74	76	78	80	82	84	86	88	90	92	94
24	26	28	30	32	34	36	38	40	42	44	46	48	50	52	54	56	58	60	62	64	66	68	70	72	74	76	78	80	82	84	86	88	90	92	94	96
26	28	30	32	34	36	38	40	42	44	46	48	50	52	54	56	58	60	62	64	66	68	70	72	74	76	78	80	82	84	86	88	90	92	94	96	98
28	30	32	34	36	38	40	42	44	46	48	50	52	54	56	58	60	62	64	66	68	70	72	74	76	78	80	82	84	86	88	90	92	94	96	98	100

IIT284 40.001.8 IMPERIAL VALLEY EQ. AFTERSHOCK MAY 18, 1940 - 2037 PST +282.5 SEC. EPICENTER - 00 00 00N, 000 00 0
 STATION NO. 117 EL CENTRO, IMPERIAL VALLEY IRRIGATION DISTRICT COMP MORT 32 47 43N, 115 32 5
 INSTR PERIOD = 0.099 SEC DAMPING = 0.552 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

PEAK VALS ACCLN = 11.4 CM/SEC/SEC AT 5.20 SEC VELO = 1.3 CM/SEC AT 20.56 SEC DISP = -1.0 CM AT 19.84 SEC

INITIAL VELO = 0.18530 CM/SEC INITIAL DISP = 0.09678 CM
 1175 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.

0	-5	-8	-10	-13	-15	-21	-20	-18	-16	-13	-10	-8	-6	-3	0	4	7	10	14
16	17	19	20	21	21	21	21	21	18	16	11	5	-2	-7	-9	-12	-14	-15	-16
-17	-16	-16	-15	-14	-12	-11	-9	-7	-5	-5	-5	-5	-5	-6	-6	-3	-1	2	5
7	9	5	2	-4	-11	-17	-19	-22	-22	-21	-18	-15	-10	-6	-3	0	2	3	5
6	7	6	5	4	1	-1	-4	-4	-4	-3	-1	1	3	6	9	13	16	20	23
27	25	21	17	12	8	3	0	-3	-4	-3	-1	1	2	4	6	5	3	1	-4
-8	-12	-15	-18	-21	-23	-24	-23	-22	-21	-19	-18	-15	-14	-4	2	9	10	11	12
13	15	16	18	16	14	12	6	-4	-9	-15	-15	-16	-14	-10	-7	-1	0	-1	-1
-1	5	10	14	17	19	12	6	0	-6	-8	-6	0	6	12	18	24	29	26	21
16	17	25	40	36	36	26	22	15	10	12	14	16	19	13	4	-2	-10	-10	-11
-10	-13	-17	-21	-25	-28	-31	-30	-29	-28	-26	-23	-20	-16	-13	-9	-6	-3	0	-1
-1	-2	-4	-5	-7	-7	-3	-1	3	6	9	8	7	6	4	3	2	1	0	1
3	5	8	7	3	0	-4	-1	0	1	-1	-1	-6	-34	-88	-69	-39	12	62	109
114	48	-14	-109	-113	-37	-2	62	42	36	10	-13	-44	-47	-30	-15	-6	-12	-15	-20
5	36	28	2	-20	-45	-34	-30	-18	-10	-14	-18	-23	-27	-13	0	14	4	-8	-20
-37	-38	-25	-16	-1	8	12	16	14	14	13	10	9	8	8	7	7	6	6	5
7	8	9	5	2	-2	-7	-8	-4	-1	4	9	13	16	14	12	8	2	-1	1
3	7	11	17	12	-8	-29	-34	-21	-14	-8	-10	-9	-11	-3	7	17	30	33	21
12	0	-5	4	10	19	26	37	37	30	24	19	24	26	31	36	38	33	30	23
13	17	28	21	17	10	3	5	13	19	23	15	12	5	7	7	10	8	10	10
12	2	-7	-18	-18	-7	0	5	9	12	13	14	13	12	9	-6	-19	-32	-12	8
34	40	2	-28	-66	-55	-35	-15	16	23	19	17	16	19	18	-13	-29	-25	-28	-24
-23	-20	-14	-3	13	45	43	36	31	25	20	17	16	22	17	-10	-35	-37	-29	-24
-13	-8	-10	-15	-26	-43	-58	-38	-26	-11	2	-9	-19	-33	-34	-29	-24	-10	-12	-17
-21	-29	-31	-28	-16	-5	7	19	28	14	-3	-17	-33	-35	-29	-26	-17	-9	1	17
36	44	25	13	-10	-14	-7	-2	5	13	9	-3	-13	-21	-16	-11	5	5	6	6
16	23	29	28	24	16	5	-6	-14	-24	-24	-19	-15	-7	-1	8	10	1	-9	-11
-2	5	15	23	18	12	5	0	-6	-11	-16	-19	-21	-16	-5	4	16	12	2	-7
-23	-40	-43	-25	-15	-1	7	14	14	16	13	9	5	-2	-12	-22	-28	-27	-29	-24
-19	-11	-1	9	11	10	10	12	16	20	26	23	15	7	-2	-3	3	9	13	14
12	11	8	8	8	7	5	4	3	10	16	33	40	25	14	0	-18	-10	27	34
36	32	22	12	1	-11	-29	-52	-50	-19	-8	13	17	22	25	25	22	22	19	18
16	18	21	23	27	29	31	23	19	0	-17	-17	-24	-19	-17	-10	-2	5	6	9
10	11	12	13	10	1	-4	-8	-13	-15	-16	-17	-17	-18	-18	-14	-11	-9	-7	-5
-2	2	6	9	9	11	11	8	6	3	-5	-14	-23	-27	-18	-14	-7	-7	-8	-10
-10	-10	-10	-10	-11	-11	-11	-9	-3	1	1	0	0	-1	5	10	18	25	33	27
18	8	1	-6	-9	-10	-11	-12	-13	-13	-14	-13	-11	-8	-7	-8	-9	-11	-12	-14
-14	-9	-4	0	-3	-4	-7	-9	-12	-8	-2	4	9	17	13	1	-5	-14	-17	-18
-16	-14	-11	-7	-7	-13	-17	-19	-22	-22	-21	-20	-19	-16	-5	-6	0	5	7	-2
-7	-11	-7	5	8	12	5	0	-13	-12	-12	-6	-2	3	5	4	0	-3	-6	-7

-9	-10	-11	-9	-9	-8	-8	-8	-9	-9	-9	-9	-7	-3	0	4	8
12	15	16	17	17	15	14	13	12	12	12	12	-9	-14	-8	1	8
17	26	36	40	40	41	35	27	19	13	16	18	20	16	12	9	10
10	12	11	10	10	-2	-7	-12	-17	-25	-25	-25	-24	-24	-24	-29	-30
-30	-28	-15	19	19	0	0	0	-2	-8	-14	-21	-24	-18	-15	-10	-10
-11	-16	-23	-19	-19	3	3	10	10	5	5	6	7	4	0	-4	-9
-13	-17	-22	-9	-9	-12	-4	9	10	8	-4	4	2	2	0	0	-1
4	7	25	40	43	46	42	35	6	13	1	-6	-12	-19	-25	-31	-36
-32	-25	-12	9	9	14	19	19	20	14	10	6	1	-3	-7	-10	-14
-14	-13	-12	-3	-3	3	15	22	27	29	24	20	20	18	18	16	17
18	19	20	24	24	27	30	28	27	11	12	12	13	15	16	18	19
21	21	19	16	16	9	3	0	-2	-10	-13	-16	-18	-19	-18	-12	-7
-4	0	3	6	6	7	6	5	3	-2	-5	-7	-10	-11	-11	-11	-11
-9	-6	-4	0	0	2	-3	-6	-9	-23	-24	-26	-27	-27	-25	-23	-21
-19	-18	-16	-13	-13	-10	-5	-2	1	0	-3	-5	-8	-7	3	1	1
0	-1	-5	-15	-15	-8	-14	-12	-9	-3	-3	-6	-9	-13	-13	-11	-10
-9	-8	-7	-6	-4	-1	0	1	1	-2	-5	-7	-9	-11	-11	-11	-11
-11	-10	-9	-8	-8	-7	-6	-7	-6	-2	1	2	3	3	3	4	4
5	8	10	11	13	12	8	6	4	9	12	12	3	3	3	4	4

111284 40.001.8 IMPERIAL VALLEY EQ. AFTERSHOCK MAY 18, 1940 - 2037 PST +282.5 SEC. EPICENTER - 00 00 00N, 000 00.0
 STATION NO. 117 EL CENTRO, IMPERIAL VALLEY IRRIGATION DISTRICT COMP EAST 32 47 43N, 115 32 5
 INSTR PERIOD = 0.100 SEC DAMPING = 0.528 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

PEAK VALS ACCLN = -16.1 CM/SEC/SEC AT 5.28 SEC VELO = 1.6 CM/SEC AT 7.70 SEC DISP = -1.3 CM AT 6.00 SEC
 INITIAL VELO = 0.06553 CM/SEC INITIAL DISP = 0.26706 CM

1176 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.

3	-5	1	7	3	-4	-7	-13	-17	-22	-28	-26	-22	-18	-11	-6	-7	-7	-5	-3
2	5	6	5	3	0	-4	-8	-11	-7	-3	0	2	5	8	10	10	9	8	6
3	0	-3	-7	-10	-14	-19	-20	-19	-18	-14	-8	-6	-6	-6	-4	-1	1	3	4
6	6	6	6	6	6	6	7	10	11	9	8	6	2	-2	-9	-15	-15	-16	-14
-12	-8	-5	-1	5	10	15	20	25	28	29	30	30	30	30	29	27	25	24	22
19	17	14	12	10	7	6	5	5	4	4	4	4	5	7	10	13	15	14	10
8	5	2	-3	-7	-12	-17	-23	-29	-34	-27	-21	-13	-4	6	9	8	8	5	7
10	13	16	12	7	4	-1	-7	-13	-12	-11	-9	-7	-5	-9	-13	-14	-12	-11	-8
-9	-10	-12	-15	-18	-16	-13	-9	-5	-8	-9	-12	-15	-13	-11	-9	-8	-6	-5	-3
-3	-3	-3	-10	-16	-24	-25	-17	-13	-10	-5	-4	-3	-3	-3	-3	-3	-2	3	9
7	2	-3	-7	-3	-2	1	-5	-12	-15	-12	-7	-11	-23	-30	-23	-28	-35	-33	-29
-25	-19	-14	-9	-6	-2	-1	1	2	4	3	1	1	5	8	12	13	14	11	10
6	0	-2	6	5	8	16	20	18	13	11	3	7	8	14	15	23	16	17	27
65	89	28	-47	-161	-116	146	-70	30	40	97	73	48	-24	-73	-136	-33	33	123	87
45	-15	-6	12	34	15	29	42	37	-17	-43	-62	-28	-3	-5	-16	-21	5	41	51
36	23	3	-17	13	50	41	39	30	23	31	45	55	26	12	-9	-8	3	14	35
40	24	11	5	17	24	34	12	-8	-20	-2	12	14	-12	5	33	1	19	31	6
1	-19	-25	-6	13	23	6	-5	-24	-19	-10	2	24	-28	10	-3	-14	-5	-1	10
12	6	-2	-17	-1	16	38	36	1	-12	-33	-10	3	32	17	-3	-25	-29	-13	-6
7	17	28	31	15	-6	-40	-39	-22	-5	22	21	4	-7	-28	-31	-6	4	-9	-18
-34	-44	-35	-30	-19	-17	-28	-34	-55	-49	-28	-24	-15	-27	-13	-6	9	4	-14	-28
-21	-15	-19	-27	-41	-34	-19	-14	0	-12	-17	-32	-41	-17	9	11	-2	-1	-18	-18
-1	9	-10	-22	-38	-59	-72	-52	-24	1	-2	-7	-16	-24	-11	0	-7	65	42	27
3	-9	4	23	44	46	5	-26	-67	-41	-22	8	21	27	33	37	29	17	5	-9
-3	10	21	35	26	18	8	-5	-2	12	5	-25	-55	-47	-10	6	42	36	19	1
9	23	36	13	-7	-27	-52	-68	-26	31	35	24	56	40	18	-9	3	34	57	45
36	19	0	-18	-35	-24	-12	17	20	8	3	-11	10	33	22	14	2	-12	-25	-33
-16	2	23	13	6	-5	-8	-5	-12	-14	-23	-9	-3	-9	-4	-2	18	24	10	4
-7	-18	-8	10	20	11	1	-11	-27	-19	-1	12	18	5	-8	-26	-42	-41	-12	10
11	16	16	14	9	0	-14	-33	-38	-34	-32	-27	-24	-20	-19	-17	-9	9	34	37
20	-1	-19	-30	-40	-9	1	-7	-16	-27	-37	-26	-18	-9	0	2	-8	-12	-10	-11
-5	1	13	27	49	24	-4	-31	-66	-75	-86	-82	-80	-47	-26	-1	20	46	85	94
67	49	28	26	32	37	35	25	16	16	8	-7	-27	-49	-55	-46	-29	-9	13	39
46	38	35	24	16	7	-1	-10	-18	-24	-15	-11	-1	9	1	-7	-12	-21	-21	-13
-6	3	13	7	3	4	1	2	1	0	-6	-13	-9	-1	6	17	21	16	13	7
2	-4	-3	2	5	11	6	-2	-15	-31	-19	-7	9	30	27	15	4	-10	-2	4
14	22	16	12	5	-1	-8	-7	4	11	20	28	38	38	32	27	19	12	5	-3
-4	4	9	16	22	31	38	34	31	28	33	37	35	27	29	35	40	41	25	20
10	1	-14	-22	-21	-7	12	45	29	11	6	-17	-24	-21	-17	-11	-6	-3	-2	-2
-1	-3	-4	0	3	8	14	20	24	15	7	-3	-15	-18	-14	-13	-15	-18	-17	-14

-12	-5	3	10	5	0	-6	-4	-2	0	3	-7	-18	-5	1	14	20	15	11	5
-1	0	4	7	13	10	2	-11	-28	-26	-19	-8	-5	-9	-7	-5	-4	-16	-26	-38
-32	-27	-20	-15	-10	-18	-24	-31	-17	-9	6	5	-5	-13	-12	0	-6	-18	-30	-27
-16	-5	-4	-16	-23	-35	-47	-47	-37	-42	-7	-8	-5	-5	-6	-9	-10	-17	-23	-31
-35	-31	-28	-29	-24	-16	-9	-1	-6	-12	-14	-8	-7	-8	-4	-4	-16	-3	0	-5
-4	-9	-13	-19	-20	-16	-13	-7	1	3	-2	-7	-8	-2	2	7	5	3	-1	-5
-4	1	5	11	17	21	21	23	24	25	26	25	25	23	15	8	4	-2	2	9
-3	-7	-16	-5	3	12	4	1	-9	-4	14	28	40	55	56	48	43	34	27	19
12	4	-2	-10	-10	6	15	28	37	32	28	23	16	11	4	11	9	-2	-3	2
7	3	-3	9	16	25	36	48	41	33	27	21	15	12	8	2	-6	2	8	4
0	-4	-10	-11	-7	-5	0	4	8	11	14	18	18	12	9	3	-2	-9	-10	-6
-1	-2	-8	-12	-16	-9	-5	2	9	16	14	11	7	2	7	12	13	5	-2	-12
-15	-9	-6	-2	1	4	6	1	-4	-10	-16	-13	-11	-7	-3	1	5	10	16	18
13	9	3	1	5	9	13	19	16	6	-3	-13	-21	-21	-11	-9	-20	-29	-25	-17
-26	-31	-26	-23	-20	-17	-12	-5	4	13	11	8	4	-2	-8	-15	-22	-29	-25	-18
-12	-4	-3	-7	-9	-15	-21	-29	-28	-25	-22	-18	-14	-9	-5	-8	-13	-18	-24	-29
-23	-19	-12	-9	-15	-18	-25	-25	-20	-18	-10	-3	4	1	-3	-7	-13	-20	-21	-19
-16	-12	-8	-4	1	5	10	9	8	6	5	10	14	17	20	23	18	-20	-21	6
1	0	4	8	11	16	14	11	7	6	5	14	13	10	9	8		13	9	

11T284 40.001.8 IMPERIAL VALLEY EQ. AFTERSHOCK MAY 18, 1940 - 2037 PST +282.5 SEC. EPICENTER - 00 00 00N, 000 00 0
STATION NO. 117 EL CENTRO, IMPERIAL VALLEY IRRIGATION DISTRICT COMP UP 32 47 43N, 115 32 5
INSTR PERIOD = 0.095 SEC DAMPING = 0.574 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

PEAK VALS ACCLN = 10.7 CM/SEC/SEC AT 1.98 SEC VELO = 0.5 CM/SEC AT 6.30 SEC DISP = -0.5 CM AT 5.28 SEC

INITIAL VELO = 0.15856 CM/SEC INITIAL DISP = 0.10116 CM

1175 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.

6	7	8	9	9	8	7	6	5	3	1	-1	-2	-3	-4	-5	-5	-6	-7	-2
-1	-6	-11	-9	-5	-2	-5	-8	-7	-4	-2	2	1	-2	-3	-4	-13	-12	-10	-7
0	-2	-2	-4	-4	-3	-3	-2	-4	-7	-9	-12	-14	-10	-7	-3	-6	-6	-9	-1
-2	-2	-3	-3	-4	-5	-4	-3	-2	2	6	2	-3	-6	-8	-10	-7	1	5	12
5	-1	-3	-7	-10	-12	-14	-6	-3	13	20	21	14	6	-16	-35	-52	-26	58	107
62	3	-28	-31	-13	16	13	0	-23	-31	-17	3	22	17	6	-6	-14	-8	-2	5
4	-1	-6	-11	-13	-8	2	13	16	9	2	-3	-1	0	3	4	6	7	7	5
4	2	1	-1	-1	6	10	13	15	15	13	12	10	7	5	8	11	14	15	14
13	11	10	8	6	4	3	3	2	2	-1	-6	-11	-13	-4	2	8	-19	-18	-14
10	30	-28	-37	-26	8	20	-25	-49	-39	-26	-10	5	-21	-39	-16	17	17	-2	-22
-16	-6	8	3	-3	-10	-1	7	5	-5	-12	-21	-3	23	27	5	0	-7	-4	-3
0	1	3	0	-5	-9	-16	-4	26	34	23	-5	-12	-8	4	9	6	2	1	3
2	-12	-20	-6	4	14	17	11	7	-16	-10	4	20	10	2	11	18	18	11	6
4	3	5	8	16	21	26	24	23	6	-1	-5	-11	-9	-5	-5	-7	-3	8	28
44	36	10	-20	-11	-5	-3	-4	-3	7	19	18	11	5	-3	-1	2	6	8	11
10	7	5	1	-4	-8	-14	-18	-28	-28	-25	28	56	39	18	-13	-17	-8	9	4
1	-5	-6	-5	1	5	11	6	3	-2	-9	-18	-20	-17	-15	-11	-8	-4	-5	-9
-12	-9	-7	-4	-4	-5	-7	-8	-10	-7	-1	2	5	8	11	9	8	5	4	2
2	3	6	1	-7	-13	-15	-12	-11	-7	-4	0	2	1	1	0	-2	-4	-6	-8
-9	-6	-4	-1	1	3	4	5	6	6	5	5	3	2	1	0	-1	-2	-3	-4
-5	-6	-7	-8	-8	-5	-2	1	3	4	5	6	6	7	7	6	6	6	5	5
4	1	-1	-4	-5	-4	-3	-2	-1	-1	-1	-2	-2	-3	-4	-4	-5	-5	-5	-4
-4	-4	-2	-1	1	3	4	3	-3	-7	-10	-12	-15	-14	-10	-7	-5	-6	7	6
-6	-6	-6	-7	-7	-7	-7	-7	-7	-8	-8	-7	-5	-3	-1	1	3	6	7	6
4	3	1	-1	-2	-4	-6	-6	-3	-1	2	4	6	8	10	11	13	13	12	12
10	9	6	2	1	3	6	8	11	13	15	17	19	16	13	9	2	-2	-4	-6
-6	-4	-3	-1	0	1	3	4	5	4	3	1	0	0	0	0	0	0	0	0
0	-1	-2	-2	-3	-4	-2	1	3	7	10	15	18	23	20	11	4	0	-2	-5
-7	-9	-10	-11	-12	-13	-12	-11	-10	-9	-8	-7	-7	-6	-5	-4	-2	-1	1	2
2	1	1	0	-1	-1	-2	-2	-2	-2	-2	-2	-2	-3	-4	-5	-6	-6	-7	-8
-8	-7	-6	-5	-4	-3	-4	-5	-6	-7	-8	-9	-7	-6	-4	-2	-1	1	3	3
0	-2	-6	-9	-11	-10	-8	-6	-4	-1	0	0	0	-1	-1	-1	-1	-1	0	1
1	2	3	4	5	6	7	7	6	6	6	5	3	7	10	12	12	12	12	-9
-6	-4	-1	1	1	1	1	1	0	0	0	1	2	3	4	5	6	7	8	10
9	8	7	5	4	2	2	4	2	0	-2	-4	-6	-6	-6	-6	-6	-6	-5	-5
11	12	10	9	8	7	5	4	2	0	-2	-6	-5	-4	-3	-3	-2	-2	-1	0
-4	-4	-3	-3	-5	-6	-4	-9	-9	-8	-7	-6	-5	-4	-3	-8	-4	-1	3	5
0	-1	-3	-4	-5	-5	-4	-4	-2	-1	0	0	-2	-2	-4	-7	-4	-1	8	8
4	3	2	1	-1	-2	-3	-4	-5	-6	-3	-1	1	4	6	7	8	8	-2	-2
9	9	9	7	6	4	3	1	-1	-1	-2	-2	-2	-3	-3	-4	-4	-3	-3	-2

1	0	0	0	0	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
-1	0	0	0	0	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
2	1	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
3	2	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
4	3	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
5	4	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
6	5	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
7	6	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
8	7	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
9	8	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
10	9	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
11	10	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33
12	11	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
13	12	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35
14	13	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36
15	14	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37
16	15	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
17	16	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
18	17	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
19	18	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41
20	19	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
21	20	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43
22	21	21	22	23	24	25	26	27																	

-9	-18	-22	-16	-12	-6	0	6	12	14	13	13	11	11	10	10	10	18	26	32
33	23	1	-10	-30	-35	-39	-33	-24	1	20	50	44	12	-2	-17	-42	-66	-81	-51
-28	3	10	16	19	21	23	27	31	36	40	38	33	18	-6	-26	-49	-44	-42	-36
-31	-25	-23	-22	-20	0	42	77	63	50	31	9	-11	-33	-31	-18	-8	5	14	17
15	8	-5	-8	-9	-8	-8	-18	-28	-30	-22	-19	-15	-13	-10	-8	-7	-5	-4	1
6	14	39	62	64	57	37	18	-3	-10	-14	-18	-20	-25	-33	-38	-37	-36	-24	-9
17	39	30	23	15	11	6	3	-1	-4	-4	-3	-3	-1	5	9	17	26	34	24
11	6	3	-3	-5	-10	-13	-19	-23	-28	-27	-29	-28	-28	-20	-13	12	13	10	7
8	9	20	33	36	36	22	-14	-31	-52	-64	-75	-65	-49	-30	-10	-3	-1	2	2
4	12	24	31	40	38	37	34	31	24	8	-1	-10	-19	-27	-38	-51	-60	-60	-60
-61	-50	-30	-11	12	12	17	13	11	7	4	0	1	2	4	7	9	11	10	8
6	3	1	-2	-3	-5	-11	-16	-21	-27	-28	-31	-30	-24	-9	11	10	14	12	11
9	8	6	8	9	10	12	13	14	13	14	11	1	-9	-19	-31	-24	-10	1	5
0	7	10	8	6	3	7	10	15	20	21	18	18	8	-9	-13	-17	-15	-11	-7
1	9	10	9	5	1	-4	-8	-12	22	29	29	26	11	1	-11	-22	-32	-22	-14
-2	-1	-1	-1	0	0	1	2	1	-17	-11	-3	4	12	17	17	14	2	0	-1
-6	-9	-7	-7	-1	7	13	14	10	0	-1	0	-10	-9	-5	-3	14	13	7	1
23	16	1	-3	-8	-10	-7	-9	-9	5	-8	-5	-7	-7	-9	-11	-14	15	26	27
-11	-9	-7	-5	-3	-1	1	2	2	-9	-8	2	3	5	7	9	11	12	-13	-12
17	17	17	17	16	16	15	14	12	11	6	-2	-9	-15	-22	-23	-22	-22	-20	-10
0	6	13	19	26	32	38	35	29	24	16	6	-5	-8	-8	-10	-13	-17	-20	-18
-16	-12	-9	0	11	16	23	24	26	22	17	12	6	3	3	1	-1	-3	-5	-4
-2	-1	1	3	4	6	7	8	9	8	7	5	3	-3	-8	-15	-18	-19	-21	-21
-20	-19	-18	-16	-15	-13	-10	-6	-2	2	5	7	9	10	12	13	14	12	12	5
-5	-14	-21	-19	-20	-18	-17	-15	-14	-12	-11	-9	-10	-12	-13	-15	-17	-18	-17	-16
-15	-14	-15	-15	-16	-16	-17	-14	-9	-2	5	11	11	11	11	10	9	9	8	7
7	8	8	7	3	0	-3	-6	-11	-11	-7	-4	0	3	6	7	8	9	10	11
12	12	11	11	10	9	9	9	9	9	8	6	4	2	-1	-1	8	9	10	11

IIT285 40.001.9 IMPERIAL VALLEY EQ. AFTERSHOCK MAY 18, 1940 - 2037 PST +313.0 SEC. EPICENTER -- 00 00 00N, 000 00 0
 STATION NO. 117 EL CENTRO, IMPERIAL VALLEY IRRIGATION DISTRICT COMP EAST 32 47 43N, 115 32 5
 INSTR PERIOD = 0.100 SEC DAMPING = 0.928 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

PEAK VALS ACCLN = 70.9 CM/SEC/SEC AT 8.14 SEC VELO = -3.9 CM/SEC AT 8.06 SEC DISP = 1.8 CM AT 12.36 SEC

1376 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.
 INITIAL VELO = 0.61317 CM/SEC INITIAL DISP = -0.08430 CM

-2	3	5	5	5	5	6	6	6	6	6	5	4	4	3	2	1	-4	-10	-15	-19
-20	-18	-16	-13	-12	-12	-12	-13	-13	-14	-14	-15	-16	-15	-15	-12	-8	-4	-3	-3	-3
-4	-5	-6	-8	-9	-8	-7	-6	-5	-6	-6	-8	-9	-10	-10	-6	-3	-2	-2	-2	-3
-4	-4	-6	-7	-4	-2	1	3	3	2	2	1	-1	-1	-2	-3	-4	-3	-3	-2	-3
-3	-3	-3	-3	-2	-2	-1	0	2	3	3	5	5	4	3	2	4	6	9	12	12
11	10	9	7	6	3	0	-2	-1	-1	-1	-2	-3	-2	0	1	3	4	5	6	6
7	7	8	8	8	8	8	6	4	1	1	-2	-5	-6	-8	-9	-11	-9	-8	-7	-5
-4	-2	-2	-5	-8	-11	-10	-10	-8	-7	-7	-6	-5	-3	-1	2	-2	-2	1	3	7
10	14	14	14	12	9	6	3	1	-1	-1	0	0	-1	-2	-3	-2	-1	-1	1	1
-2	-4	-7	-7	-6	-5	-2	0	3	6	6	4	-7	-15	-26	-18	-7	6	15	7	12
5	-10	-20	-36	-37	-17	3	10	1	-5	-26	-44	-53	-30	-14	-14	7	10	30	42	31
13	7	9	3	-6	-6	-3	-1	-3	-8	-11	-8	-5	-7	-10	-10	-13	-16	-8	4	16
24	28	26	25	6	-15	-27	-41	-26	-14	-12	-20	-13	-11	-14	-14	-16	-15	-19	-17	-10
-4	4	10	3	-3	-5	5	13	23	21	15	10	2	5	10	10	16	23	29	21	15
6	7	11	15	20	26	31	37	19	2	-20	-29	-27	-17	-5	-5	10	9	-5	-10	-15
-13	-6	4	14	3	-2	0	4	10	14	14	14	14	8	1	1	-6	-3	1	6	11
17	10	0	-10	-6	4	12	25	25	14	6	-7	-18	-29	-26	-26	-16	-10	4	1	-4
-7	-22	-32	-26	-20	-17	-9	-5	0	-2	-3	-3	4	12	18	18	29	10	-9	-22	-34
-20	-11	-8	-23	-19	-10	-2	0	-18	-16	-13	-11	-13	-16	-9	-9	8	11	4	5	4
-16	-11	-11	-6	-1	-11	-22	-34	-47	-43	-51	-57	-68	-60	-9	-9	48	5	-74	-116	-197
-256	-328	-227	-65	86	298	476	709	635	436	207	-55	-228	-183	-64	-64	4	114	32	-57	-133
-219	-316	-299	-158	-60	105	158	116	86	46	110	158	221	280	347	347	375	222	95	-57	-199
-342	-387	-329	-367	-397	-413	-223	-74	107	274	477	505	304	177	-3	-3	-164	-147	-126	-88	-36
12	62	106	81	30	-41	-119	-168	-123	-87	0	75	64	73	87	87	41	15	-28	-53	-19
-22	-77	-47	-13	23	63	54	85	114	81	25	-21	-14	-3	-26	-26	-41	-61	-45	-25	-30
-26	2	30	58	115	101	63	29	5	19	21	39	37	23	10	10	2	10	13	-4	-20
-39	-51	-26	-5	26	54	49	43	35	42	41	7	-34	-32	4	4	32	36	19	8	-18
-41	-53	-19	2	-2	-14	-6	10	26	30	25	22	19	24	28	28	26	8	-6	-22	-39
-32	-16	-2	19	22	-6	-24	-55	-64	-61	0	53	68	53	34	34	8	-19	-35	-1	25
53	26	8	-22	-51	-78	-77	-56	-11	27	27	5	13	-12	-23	-23	-14	-9	-6	-12	10
1	-12	-27	-47	-73	-90	-121	-107	-64	19	47	84	71	37	-30	-30	-44	-63	-74	-86	-92
-101	-96	-61	47	75	119	105	99	87	69	28	-39	-61	-94	-69	-69	-51	-40	-33	-8	11
26	-21	-52	-96	-70	-62	-69	-72	-45	-21	-6	12	-3	-28	-45	-45	-68	-56	-18	38	65
103	138	143	121	113	66	27	-18	-67	-87	-100	-81	-41	-46	-59	-59	-74	-94	-120	-107	-99
-56	14	40	64	85	99	117	128	156	143	89	53	-5	-11	-17	-17	-73	-99	-134	-122	-139
-133	-125	-103	-39	6	66	113	168	159	135	112	61	8	-25	-57	-57	-44	-36	-19	-1	7
-16	-25	-5	15	37	65	50	24	-1	-34	-51	-43	-65	-74	-89	-89	-60	-33	2	31	69
-24	-35	51	57	60	62	75	42	19	-15	-35	-18	-6	13	34	34	35	23	16	1	-9
-113	87	66	35	1	-32	-29	-17	-6	12	28	39	16	-3	-26	-26	-54	-65	-41	-37	-9

10	11	27	32	41	48	50	65	41	18	-8	-39	-61	-46	-35	-19	0	16	34	-2
-9	5	9	22	34	27	10	-5	-24	-42	-36	-22	-10	10	8	-14	-28	-54	-50	-26
-10	20	23	15	6	6	26	45	65	90	68	21	-17	-72	-105	-88	-59	-22	25	37
25	21	6	-7	-2	-6	-14	-20	-14	52	27	12	17	6	-3	11	0	-3	2	-6
-19	-10	12	34	45	48	70	83	89	52	27	-11	-36	-61	-67	-76	-70	-67	-54	-28
-1	20	29	15	2	-14	-31	-40	-13	-21	-8	0	-2	-8	4	5	23	20	3	-12
-20	-16	-23	-25	-20	-28	-26	-27	-33	-15	-10	0	8	17	25	31	16	14	14	9
19	25	16	18	-4	-24	-30	-44	-52	-69	-61	-40	-23	0	23	34	26	24	13	12
15	19	17	11	7	-2	0	3	8	3	-12	-26	-42	-59	-62	-48	-39	-22	-9	8
22	39	45	39	36	29	24	28	33	39	42	31	24	13	4	-9	-7	-4	-9	-9
-6	-4	-11	-6	-8	-13	-6	4	13	25	36	40	35	39	28	21	10	1	-9	-18
-28	-18	-8	5	18	32	43	37	30	22	15	26	24	18	14	23	30	41	41	20
3	-20	-40	-31	-25	-14	-2	8	2	-2	-9	-16	-22	-30	-19	-1	14	25	36	38
30	25	16	8	-1	-10	-14	-3	4	16	23	14	7	-3	-13	-24	-30	-23	-18	-10
-2	6	4	0	-4	-9	0	8	21	22	14	7	-2	-13	-7	4	16	17	10	6
-4	-1	13	-9	-2	0	-4	-5	-3	-2	4	12	23	17	2	-11	-29	-43	-34	-23
-12	3	16	28	18	25	16	8	-1	-6	3	9	3	-5	-7	-1	3	9	9	10
2	-2	-13	-24	-36	-43	-49	-56	-59	-49	-39	-32	-24	-17	-10	-3	2	7	12	17
21	18	14	10	5	0	-6	-11	-17	-21	-28	-28	-25	-22	-18	-13	-9	-5	-12	-18
-25	-33	-38	-30	-24	-16	-8	-1	4	9	14	20	24	18	13	7	-1	-7	-15	-18
-10	-3	7	16	27	33	14	-8	-23	-41	-40	-26	-21	-10	-1	1	-3	-5	-11	-14
-3	14	19	20	23	22	24	33	42	48	59	53	28	13	2	-9	-18	-27	-22	-13
-5	7	7	1	-2	-11	-8	0	7	13	19	25	31	36	29	24	17	10	2	-2
-7	-11	-15	-9	-2	5	10	14	19	19	17	16	14	12	10	7	4	1	-2	-2
-3	-7	-14	-27	-25	-19	-14	-6	1	1	-1	-3	-1	6	12	19	26	28	29	24
12	2	-11	-18	-27	-34	-41	-31	-24	-16	-16	-3	8	19	11	4	-6	-17	-25	-18
-13	-5	-1	-6	-9	-15	-20	-27	-22	-14	-6	4	12	3	-4	-15	-25	-37	-34	-30
-24	-17	-12	-7	4	14	25	22	18	13	6	0	-7	-10	-6	-4	-7	-10	-13	-17
-19	-14	-9	-3	3	13	14	10	8	3	-2	-1	3	6	-3	-1				

IIT286 42.00L. BORREGO VALLEY EARTHQUAKE OCT 21, 1942 - 0822 PST EPICENTER - 32 58 00N, 116 00 0
 STATION NO. 117 EL CENTRO, IMPERIAL VALLEY IRRIGATION DISTRICT COMP NORT 32 47 43N, 115 32 5
 INSTR PERIOD = 0.100 SEC DAMPING = 0.458 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

PEAK VALS ACN = -58.5 CM/SEC/SEC AT 2.82 SEC VELO = -6.2 CM/SEC AT 32.12 SEC DISP = -4.2 CM AT 32.86 SEC

3568 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.
 INITIAL VELO = 0.48696 CM/SEC INITIAL DISP = 0.22592 CM

-108	-21	37	-4	-48	-30	-20	-42	-61	-68	-73	-76	-74	-78	-56	-1	5	34	105	77
43	19	6	-13	-70	-108	-42	1	-12	-78	-91	-105	-131	-150	-122	-13	126	173	251	276
256	132	23	-68	-162	-236	-205	-91	-3	112	136	162	121	-68	-156	-75	18	67	61	-49
-118	-138	-74	-5	42	33	-75	-11	64	66	65	60	80	99	88	57	59	108	135	-4
-85	-47	9	39	-20	-48	13	84	158	279	259	154	-18	-128	-115	-121	-117	-179	-206	-119
25	43	70	127	190	229	-42	-229	-279	-61	69	101	51	-146	-199	-209	-169	-58	85	119
68	21	61	66	46	21	-27	-103	-110	-61	-35	100	210	376	494	469	287	106	26	-125
-366	-585	-573	-502	-379	-261	-107	26	25	-30	6	144	273	380	445	341	108	-38	-131	-148
-155	-212	-292	-226	-80	40	11	-33	40	61	159	222	362	272	96	-209	-128	18	253	304
143	52	11	45	104	45	17	-20	-231	-246	-151	-6	1	-177	-249	-135	-40	140	186	284
271	222	141	197	208	114	7	-76	33	54	47	1	-50	-148	-226	-158	-132	-116	-67	-63
-82	-220	-89	45	188	116	-44	-255	-393	-409	-237	-129	90	296	414	236	237	172	-181	-400
-553	-562	-410	-228	-56	-61	-23	-34	50	169	190	232	296	331	225	57	-16	-104	40	101
111	74	98	126	38	-194	-312	-484	-296	-209	-18	182	364	394	308	312	83	-126	-143	-192
-6	144	230	141	41	62	142	233	144	-20	-321	-325	-226	-109	12	64	51	-56	-143	-187
-42	36	-15	-112	-21	59	80	113	178	258	223	-24	-149	-25	18	30	-56	-103	-193	-255
-311	-181	16	86	78	-11	-110	-277	-349	-234	-122	10	71	157	189	184	67	46	118	135
169	196	216	120	68	60	19	-70	-220	-238	-158	-87	-20	9	-26	-93	-72	-151	-211	-30
250	381	309	217	141	88	47	25	3	-6	-26	-54	-85	-71	-50	-47	-84	-139	-84	-65
-35	75	178	176	61	83	112	17	-74	-66	-27	-121	-279	-336	-269	-161	-36	152	199	153
11	14	99	101	75	58	46	53	69	97	91	48	43	59	46	-6	-25	34	83	55
-19	-96	-118	-127	-111	-100	-36	-11	-28	-65	-55	-22	-8	21	66	90	57	-14	-54	-95
-47	28	45	81	92	106	109	114	75	-13	-80	-70	26	107	76	9	6	75	116	128
115	108	148	235	272	106	-150	-286	-294	-189	-92	-86	-155	-260	-302	-293	-231	-147	-5	109
252	255	223	132	79	25	-4	-1	27	77	115	147	44	-81	-155	-186	-122	-79	-98	-97
-82	-11	-19	-14	-28	-5	65	144	163	78	-17	-22	24	118	219	191	6	-81	-164	-149
-78	-15	-55	-126	-160	-150	-145	-115	-71	-59	-97	-112	-107	-43	89	203	217	193	120	67
52	31	0	-25	-34	-67	-68	0	52	56	62	78	142	170	192	188	170	97	21	21
117	210	182	167	11	-94	-165	-160	-102	-59	-42	-60	-75	-36	-44	-18	44	68	104	89
12	-57	9	97	155	167	45	-120	-206	-310	-249	-121	-40	-4	-5	-29	-52	-20	-1	4
-14	-19	-17	2	13	41	73	149	193	179	115	92	55	11	-93	-135	-141	-142	-151	-187
-225	-258	-261	-150	-69	2	56	78	100	118	163	182	175	122	54	3	27	68	65	-57
-181	-250	-305	-151	-31	21	31	-17	-60	-28	143	209	277	241	158	94	66	56	81	141
185	188	99	-26	-110	-180	-197	-196	-166	-114	-38	37	62	53	38	10	-36	-66	-5	36
60	90	100	68	10	-14	-32	-45	-46	-72	-103	-136	-166	-158	-95	-2	54	80	71	37
-23	-70	-78	-77	-71	-107	-136	-124	-87	-44	0	23	42	41	25	-54	-122	-159	-205	-234
-238	-189	-89	-21	-14	-58	-101	-135	-98	-1	67	148	205	206	197	117	62	14	-10	30
128	151	196	218	232	223	189	161	128	69	-1	-77	-104	-37	-22	-31	-87	-154	-134	-51
44	121	141	43	-50	-142	-167	-156	-116	-70	-38	-19	2	58	128	170	169	81	-35	-127
-209	-199	-116	-33	33	62	43	5	-31	-55	-90	-114	-133	-139	-114	-84	-60	-36	-21	-13

-9	-14	-15	-18	-25	-62	-74	-92	-101	-83	-49	-36	-50	-97	-133	-128	-86	-27	51	127
189	217	183	163	141	126	111	93	52	-15	-124	-144	-177	-168	-115	-38	41	133	212	268
301	266	152	70	29	70	114	129	134	101	33	18	10	13	20	12	-38	-92	-111	-55
6	35	58	-5	-61	-54	-47	-29	-46	-83	-98	-99	-92	-72	-93	-125	-181	-206	-139	-42
44	137	182	157	136	84	49	16	13	55	86	109	100	72	7	-57	-93	-161	-200	-196
-140	-119	-101	-81	-63	-11	50	119	154	159	135	90	11	-21	-49	-5	19	10	-11	-38
-61	-71	-71	-69	-56	-39	-8	33	108	134	134	98	67	-6	-56	-53	-23	-12	-7	-6
-11	-18	-29	-53	-85	-61	13	71	140	202	229	213	184	145	112	92	78	66	54	37
10	-20	-53	-63	-23	20	93	120	139	146	148	138	116	71	28	-5	-39	-63	-96	-117
-139	-156	-161	-139	-117	-78	-62	14	67	111	152	140	90	14	-39	-67	-54	-48	-33	-6
-4	-13	-20	-12	33	88	142	159	142	78	43	14	5	21	33	41	31	6	-34	-58
-73	-81	-81	-78	-71	-55	-28	40	81	115	129	123	120	111	107	94	85	77	68	56
40	30	17	8	-1	-7	0	11	25	38	33	21	7	-16	-43	-78	-107	-128	-146	-157
-165	-173	-179	-186	-192	-198	-184	-154	-126	-87	-50	-15	17	41	58	63	55	38	16	-4
-18	-17	-8	1	18	36	43	60	79	95	97	79	28	-7	-35	-58	-67	-91	-109	-132
-144	-155	-152	-133	-96	-72	-63	-62	-69	-70	-49	0	51	89	119	101	67	31	19	24
34	31	13	-14	-4	20	37	55	62	53	37	17	5	-2	-6	-12	-26	-35	-39	-40
-40	-39	-42	-44	-50	-61	-69	-90	-115	-131	-124	-93	-50	-44	-21	2	18	21	13	8
-1	-10	-19	-24	-30	-28	-26	-22	-17	-13	-12	-17	-33	-61	-87	-107	-125	-135	-140	-138
-111	-93	-66	-29	6	33	32	33	15	-28	-51	-61	-38	7	43	68	78	66	40	17
14	25	50	82	110	128	138	133	120	98	75	57	38	21	7	7	12	22	15	-4
-24	-47	-67	-81	-58	-36	-27	-33	-42	-55	-68	-79	-92	-111	-122	-119	-105	-88	-74	-56
-31	-3	33	63	90	102	110	103	102	96	91	78	65	40	9	-21	-44	-52	-40	-14
1	13	15	7	2	-5	-5	-3	15	59	67	74	77	81	87	89	82	75	75	92
132	188	230	249	259	252	239	220	195	165	119	70	17	-28	-58	-74	-76	-71	-72	-1
-97	-119	-142	-161	-170	-180	-172	-157	-138	-119	-101	-78	-52	-34	-24	-5	9	19	7	-1
-10	-5	6	27	50	82	115	148	177	196	224	243	237	214	183	132	84	63	51	51
51	54	48	41	24	8	-3	-11	-11	-5	2	8	14	17	21	27	40	61	90	111
121	111	96	78	50	25	5	-5	-12	-18	-23	-37	-57	-79	-114	-147	-179	-193	-198	-189
-188	-130	-178	-157	-135	-117	-103	-92	-97	-104	-107	-115	-111	-104	-91	-86	-82	-78	-63	-35
9	34	62	91	117	144	170	184	181	160	124	86	52	30	13	-3	-5	-1	8	17
31	44	56	70	89	105	118	122	118	108	83	44	25	13	-1	-18	-26	-34	-46	-56
-67	-89	-113	-123	-133	-126	-113	-109	-123	-140	-162	-178	-183	-165	-133	-99	-52	-25	1	2
4	1	0	3	6	8	7	5	2	-3	-6	-8	-13	-18	-22	-23	-19	-11	3	22
37	49	53	51	43	31	20	10	7	13	29	55	76	82	81	66	45	19	-11	-35
-48	-58	-63	-69	-80	-103	-132	-149	-164	-164	-165	-162	-163	-165	-170	-173	-174	-162	-146	-130
-104	-84	-67	-37	-7	38	70	106	129	136	134	116	101	92	78	62	51	41	34	29
24	20	12	-8	-37	-61	-71	-70	-60	-30	8	24	69	106	146	179	193	196	182	159
137	120	105	87	59	38	20	-6	-16	-31	-41	-47	-49	-45	-44	-42	-42	-47	-52	-59
-67	-78	-88	-107	-121	-133	-128	-114	-106	-100	-108	-117	-124	-125	-124	-119	-113	-104	-101	-104
-107	-109	-107	-98	-81	-58	-13	25	59	89	112	128	137	147	155	161	159	150	127	111
92	75	61	54	56	61	67	73	81	84	82	71	57	49	42	43	56	70	77	78
72	64	52	45	40	36	34	31	25	19	12	3	-2	-2	4	12	23	36	50	60
64	70	73	85	101	107	106	100	81	64	43	17	10	5	7	17	29	38	45	47
46	42	37	25	16	5	-1	-5	-7	-9	-11	-14	-15	-11	4	18	25	31	34	35
35	30	22	6	-18	-43	-69	-92	-108	-117	-123	-115	-102	-96	-88	-79	-61	-34	-11	27
52	69	76	80	82	85	87	89	90	85	78	69	61	52	46	39	32	34	40	47
54	62	68	68	57	45	24	-3	-32	-52	-55	-55	-40	-25	-13	2	19	33	38	41
41	41	40	33	15	-13	-35	-55	-72	-91	-105	-111	-115	-117	-126	-141	-155	-161	-168	-171
-171	-170	-165	-150	-139	-127	-108	-77	-53	-32	-16	-1	10	19	23	23	19	12	6	-1

-7	-14	-17	-22	-25	-28	-28	-26	-24	-30	-35	-41	-46	-51	-51	-51	-45	-40	-31	-23
-15	-8	1	7	8	10	10	10	11	13	10	8	5	3	1	2	7	16	24	29
28	26	24	26	27	31	33	37	37	27	4	-14	-38	-65	-88	-106	-122	-134	-139	-129
-119	-102	-85	-62	-40	-24	-16	-21	-30	-42	-46	-47	-30	-35	-25	-1	18	34	35	21
8	4	-2	-2	-3	-4	-7	-19	-30	-39	-41	-36	-30	-22	-13	-8	-4	5	13	25
35	49	63	67	72	75	77	78	77	74	67	57	49	43	40	39	37	36	35	29
21	13	7	1	-3	-6	-6	-7	-6	-6	-6	-8	-8	-9	-8	-5	1	8	27	44
60	76	96	122	156	168	182	182	178	142	131	128	123	128	129	124	110	91	64	48
35	17	-4	-26	-45	-65	-80	-89	-100	-108	-112	-112	-100	-83	-61	-42	-25	-8	7	24
35	43	51	56	62	62	58	54	50	49	55	77	92	104	111	112	108	106	103	96
86	74	58	40	23	6	-3	-11	-18	-15	-17	-20	-25	-29	-30	-29	-15	-1	13	24
29	32	34	39	49	58	71	72	71	65	61	49	39	28	13	-8	-29	-48	-68	-83
-92	-96	-96	-96	-94	-96	-99	-103	-108	-103	-100	-96	-93	-90	-83	-72	-59	-42	-24	-9
2	11	19	24	18	7	-5	-18	-28	-33	-36	-38	-39	-42	-39	-34	-27	-14	-8	-2
1	0	-2	-3	-8	-17	-32	-52	-73	-90	-99	-105	-106	-109	-112	-115	-118	-122	-123	-121
-120	-120	-125	-132	-141	-149	-155	-155	-154	-149	-138	-124	-104	-94	-85	-68	-43	-17	7	26
47	65	83	98	110	118	115	105	88	82	76	76	78	84	86	85	77	67	52	44
40	39	39	39	40	42	43	45	48	48	47	45	43	37	31	15	-2	-20	-39	-50
-57	-59	-60	-59	-59	-60	-60	-59	-56	-49	-43	-36	-30	-24	-18	-14	-10	-7	-3	0
6	11	15	14	8	3	-4	-7	-9	-5	-2	5	12	16	18	18	17	15	11	10
10	11	17	31	46	56	65	74	86	96	106	113	118	125	126	109	88	79	60	45
40	34	27	22	18	16	16	17	15	11	7	0	-7	-15	-23	-30	-35	-41	-47	-51
-50	-35	-15	8	28	46	63	75	83	88	91	94	82	71	59	49	40	33	29	25
22	18	15	11	13	20	28	35	45	53	61	68	74	78	74	53	37	25	17	15
16	19	23	25	27	27	28	28	31	34	38	40	43	39	32	19	1	-14	-32	-48
-56	-69	-76	-76	-71	-65	-60	-57	-55	-54	-52	-48	-39	-34	-27	-25	-22	-23	-26	-28
-31	-33	-33	-36	-39	-44	-52	-61	-65	-71	-68	-65	-54	-43	-34	-23	-15	-6	2	14
28	39	49	57	60	64	61	58	53	48	42	34	20	7	-4	-20	-33	-42	-49	-53
-59	-62	-69	-78	-98	-109	-116	-121	-122	-122	-116	-112	-106	-103	-99	-97	-98	-98	-100	-99
-92	-88	-84	-78	-76	-75	-74	-74	-72	-70	-67	-64	-64	-54	-40	-32	-17	-8	-2	4
8	14	18	20	22	25	30	38	47	57	65	69	74	74	75	75	75	78	83	87
89	90	86	77	68	57	46	36	26	15	2	-16	-36	-63	-71	-85	-98	-101	-105	-102
-95	-82	-72	-64	-57	-50	-42	-31	-19	-11	0	9	19	28	38	43	48	51	55	60
64	70	76	82	88	94	97	102	106	112	119	124	123	116	98	90	84	82	81	81
80	75	71	69	66	65	63	65	63	60	49	43	35	29	23	16	8	2	-8	-17
-20	-25	-27	-24	-22	-19	-16	-14	-14	-16	-18	-20	-18	-9	-1	10	20	28	38	47
56	66	71	78	83	87	90	92	92	90	87	83	79	74	70	64	57	57	58	58
59	60	59	57	56	49	38	30	21	12	2	-9	-24	-36	-45	-55	-62	-70	-77	-88
-93	-97	-100	-103	-107	-114	-121	-130	-134	-136	-132	-128	-122	-116	-111	-107	-104	-101	-101	-100
-100	-98	-96	-92	-86	-82	-76	-71	-65	-61	-57	-53	-49	-45	-41	-38	-32	-22	-13	-8
-3	2	5	7	10	12	14	10	5	-1	-2	2	7	12	17	21	16	12	9	4
2	1	1	0	-1	-2	-4	-6	-9	-13	-17	-20	-23	-26	-28	-32	-39	-43	-49	-51
-51	-49	-47	-46	-46	-45	-47	-48	-50	-48	-47	-42	-36	-28	-20	-9	1	10	20	31
35	38	40	40	40	39	38	34	29	24	18	13	8	4	0	-4	-9	-14	-19	-23
-28	-32	-36	-39	-40	-38	-37	-33	-30	-25	-20	-15	-11	-9	-12	-16	-22	-24	-24	-21
-15	-10	-3	6	18	31	46	60	80	96	112	122	129	135	139	143	148	152	154	150
142	132	122	111	101	92	85	80	77	75	78	78	86	89	92	93	90	88	83	78
73	66	58	51	41	32	17	3	-12	-19	-27	-32	-36	-32	-29	-26	-23	-21	-20	-18
-17	-16	-16	-15	-14	-12	-11	-10	-10	-10	-10	-11	-12	-14	-15	-18	-20	-21	-23	-24
-23	-22	-21	-21	-21	-22	-24	-24	-23	-22	-20	-18	-15	-9	-4	2	5	6	8	9

10	9	8	6	2	-3	-7	-12	-16	-20	-23	-27	-31	-35	-39	-45	-50	-59	-67	-71
10	-77	-78	-78	-77	-77	-76	-74	-74	-46	-47	-71	-70	-69	-69	-68	-66	-62	-56	-50
15	-40	-37	-35	-35	-35	-37	-39	-42	-46	-47	-45	-43	-40	-37	-35	-33	-31	-27	-21
15	-9	-5	-1	-1	-1	-4	-7	-9	-11	-12	-13	-14	-15	-14	-13	-13	-13	-13	-10
15	-5	0	5	4	5	5	5	8	8	10	13	15	18	19	19	19	18	17	15
13	10	7	3	0	-3	-5	0	3	8	13	17	22	26	29	31	33	36	39	41
13	44	46	47	48	49	49	50	49	47	46	44	42	39	37	35	32	30	28	27
25	24	24	24	24	24	24	27	31	39	47	57	67	77	87	95	95	92	87	80
66	60	60	54	46	36	29	22	15	9	5	4	6	11	16	19	23	26	30	32
34	35	34	30	25	20	13	7	2	-3	-10	-17	-20	-24	-23	-20	-19	-17	-17	-18
19	-20	-20	-20	-20	-21	-20	-20	-20	-19	-18	-17	-16	-19	-22	-26	-31	-35	-39	-42
46	-51	-55	-57	-60	-45	-63	-63	-63	-63	-63	-63	-64	-65	-67	-70	-74	-78	-82	-84
83	-78	-69	-66	-55	-78	-40	-36	-31	-26	-23	-19	-15	-11	-9	-8	-7	-9	-13	-17
23	-27	-28	-29	-29	-29	-27	-24	-21	-16	-13	-10	-9	-8	-8	-8	-7	-7	-6	-5
-2	-1	-1	0	0	1	5	10	16	22	28	33	37	41	43	45	44	43	41	41
44	43	41	37	28	22	15	10	5	2	-1	-2	-3	-1	1	6	11	21	29	38
45	49	52	55	56	53	52	49	48	47	45	44	44	44	44	45	48	50	52	54
54	55	56	54	52	50	48	45	43	39	35	30	25	17	12	10	7	6	5	3
3	1	0	-2	-3	-5	-4	-5	-8	-11	-12	-9	-7	0	6	13	23	29	35	40
45	50	52	53	52	48	44	38	34	29	26	22	20	19	19	19	17	16	11	7
4	1	-2	-3	-6	-11	-17	-22	-27	-32	-37	-42	-47	-53	-59	-63	-68	-72	-75	-76
78	-76	-73	-69	-62	-57	-51	-46	-41	-36	-31	-29	-28	-28	-28	-29	-31	-33	-36	-40
44	-48	-52	-56	-60	-62	-65	-66	-67	-65	-57	-53	-47	-37	-27	-19	-14	-8	-6	-3
-2	-2	-2	-4	-5	-9	-16	-21	-28	-32	-36	-40	-42	-42	-40	-37	-34	-32	-31	-31
33	-36	-37	-39	-40	-41	-41	-40	-39	-38	-35	-31	-25	-19	-12	-4	1	7	11	17
22	22	33	36	40	43	45	48	51	53	57	64	67	72	75	77	79	80	80	81
81	80	79	79	78	78	77	74	71	67	60	54	47	41	36	31	27	23	20	17
15	13	12	9	8	7	6	7	7	7	8	9	9	10	10	11	11	12	12	13
13	14	14	15	16	17	19	22	24	27	30	36	41	47	54	58	62	60	57	49
42	33	23	14	8	2	-3	-8	-12	-17	-21	-24	-26	-29	-30	-30	-30	-29	-29	-27
25	-23	-21	-18	-15	-12	-9	-5	-3	-1	1	3	5	7	9	11	12	14	15	17
18	20	22	23	23	23	23	21	19	17	14	10	7	3	-1	-6	-11	-16	-21	-24
29	-32	-36	-38	-41	-43	-45	-47	-48	-50	-51	-52	-53	-54	-55	-56	-58	-60	-62	-68
75	-81	-88	-94	-100	-106	-111	-115	-118	-114	-111	-106	-99	-93	-86	-80	-74	-68	-63	-57
53	-49	-45	-42	-39	-37	-34	-31	-28	-24	-20	-16	-12	-7	-3	2	5	8	10	12
14	15	16	16	17	17	17	17	17	15	14	12	10	8	9	11	13	16	18	20
22	24	27	29	32	35	38	41	44	48	51	54	57	62	67	68	70	71	72	73
73	74	73	73	72	69	67	65	63	61	59	59	59	59	60	58	56	52	48	40
33	29	24	21	16	12	6	4												

IIT286 42.001.
 STATION NO. 117
 INSTR PERIOD = 0.099 SEC DAMPING = 0.574
 BORREGO VALLEY EARTHQUAKE OCT 21, 1942 - 0822 PST
 EL CENTRO, IMPERIAL VALLEY IRRIGATION DISTRICT
 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.
 EPICENTER - 32 58 00N, 116 00 0
 COMP EAST 32 47 43N, 115 32 5

PEAK VALS ACCLN = -46.5 CM/SEC/SEC AT 6.22 SEC VELO = -6.1 CM/SEC AT 16.36 SEC DISP = -3.3 CM AT 44.02 SEC
 INITIAL VELO = 0.45906 CM/SEC INITIAL DISP = -0.10569 CM

3567 INSTRUMENT AND BASELINE CORRECTED DATA		AT EQUALLY-SPACED INTERVALS OF		0.02 SEC.	
		IN MM/SEC/SEC			
-37	28	50	58	60	60
64	49	17	6	53	225
102	93	76	105	110	-43
-194	-202	-118	-44	44	-147
96	32	-123	-268	-306	-163
-35	50	129	176	190	-45
17	150	228	204	112	56
-99	-47	-14	-146	-317	-115
21	-44	-185	-134	-164	-149
29	60	58	-33	-94	-80
-99	-163	-105	113	225	-117
-30	-135	-235	-138	-43	-105
45	-44	-151	-147	2	-149
-211	-282	-163	-45	56	-163
95	59	-3	-101	-115	-101
-7	48	114	149	150	-149
15	-108	-198	-212	-157	-108
0	-66	-59	-27	-3	-108
-43	-57	-12	17	4	-108
92	117	105	12	-80	-108
86	82	32	-36	-34	-108
40	119	101	19	-6	-108
-153	-275	-199	-120	-33	-108
89	146	124	-26	-85	-108
146	106	39	-43	-92	-108
-95	-48	-21	-35	-72	-108
108	117	113	119	117	-108
105	172	217	276	248	-108
120	61	-16	-78	-79	-108
119	35	-40	-136	-186	-108
31	48	85	127	111	-108
-105	-53	3	8	20	-108
5	10	55	78	60	-108
108	98	77	56	14	-108
105	84	92	124	139	-108
-33	-94	-112	-66	-21	-108
161	65	14	1	48	-108
96	29	-12	-32	-47	-108
20	-46	-87	-80	-91	-108
148	202	245	252	217	-108
-37	28	50	58	60	60
64	49	17	6	53	225
102	93	76	105	110	-43
-194	-202	-118	-44	44	-147
96	32	-123	-268	-306	-163
-35	50	129	176	190	-45
17	150	228	204	112	56
-99	-47	-14	-146	-317	-115
21	-44	-185	-134	-164	-149
29	60	58	-33	-94	-80
-99	-163	-105	113	225	-117
-30	-135	-235	-138	-43	-105
45	-44	-151	-147	2	-149
-211	-282	-163	-45	56	-163
95	59	-3	-101	-115	-101
-7	48	114	149	150	-149
15	-108	-198	-212	-157	-108
0	-66	-59	-27	-3	-108
-43	-57	-12	17	4	-108
92	117	105	12	-80	-108
86	82	32	-36	-34	-108
40	119	101	19	-6	-108
-153	-275	-199	-120	-33	-108
89	146	124	-26	-85	-108
146	106	39	-43	-92	-108
-95	-48	-21	-35	-72	-108
108	117	113	119	117	-108
105	172	217	276	248	-108
120	61	-16	-78	-79	-108
119	35	-40	-136	-186	-108
31	48	85	127	111	-108
-105	-53	3	8	20	-108
5	10	55	78	60	-108
108	98	77	56	14	-108
105	84	92	124	139	-108
-33	-94	-112	-66	-21	-108
161	65	14	1	48	-108
96	29	-12	-32	-47	-108
20	-46	-87	-80	-91	-108
148	202	245	252	217	-108

-158	-60	3	67	72	44	-5	-56	-81	-97	-116	-139	-147	-132	-97	-79	-48	-28	24	86
154	216	240	217	190	160	142	122	92	73	92	104	108	132	161	163	141	129	125	120
104	39	-45	-77	-89	-37	4	26	28	19	11	55	136	191	241	243	219	132	47	-59
-116	-168	-202	-250	-305	-326	-320	-255	-213	-188	-153	-121	-74	-24	0	23	49	76	134	215
261	252	204	171	147	61	-12	-35	-44	-43	-58	-71	-89	-120	-144	-151	-116	-77	-55	-40
-40	-31	-23	-11	3	10	4	-4	14	43	52	42	23	24	31	38	37	26	0	-19
-22	3	49	107	159	199	216	229	231	226	196	146	38	-55	-68	-92	-78	-62	-49	-52
-54	-62	-56	-43	-21	-29	-31	-40	-15	25	77	119	119	118	69	12	-43	-57	-35	-10
-5	2	25	60	75	81	73	63	56	65	67	72	64	57	48	51	64	72	87	96
101	93	76	23	-34	-102	-146	-158	-165	-121	-59	-35	-8	-8	0	22	36	34	51	70
83	86	80	68	78	81	79	68	53	34	7	-23	-32	-39	-45	-61	-113	-156	-169	-181
-170	-139	-108	-58	-7	60	135	147	165	157	148	121	71	-22	-110	-188	-206	-213	-177	-162
-137	-72	-25	8	28	35	24	-13	-28	-49	-54	-48	-47	-43	-49	-61	-94	-113	-124	-130
-136	-130	-113	-67	-42	-11	41	100	118	124	121	115	106	107	112	114	89	15	-83	-101
-121	-114	-89	-62	-56	-49	-44	-20	11	51	70	77	73	60	49	45	43	32	-4	-14
-25	-28	-31	-28	-19	-10	-6	-4	-9	-24	-57	-77	-93	-92	-78	-64	-42	-9	43	97
125	132	128	95	58	-5	-57	-75	-103	-120	-139	-156	-169	-172	-176	-170	-137	-109	-100	-73
-23	27	60	79	82	56	-6	-65	-94	-110	-66	8	56	81	98	101	86	67	48	26
4	-17	-37	-55	-69	-91	-95	-93	-84	-77	-66	-50	-37	-7	27	64	99	131	168	185
187	194	192	191	170	133	117	86	46	33	45	50	54	54	48	43	37	33	27	19
10	-15	-46	-57	-66	-73	-79	-84	-90	-95	-95	-91	-87	-81	-69	-38	-9	25	41	43
35	11	-9	-21	-18	-5	12	32	49	61	60	56	48	41	34	27	22	17	12	8
10	14	21	28	35	38	38	37	27	15	-2	-29	-55	-75	-83	-86	-78	-53	-42	-28
-13	6	34	62	83	104	104	102	76	57	48	43	52	52	45	26	8	3	3	16
17	10	2	-2	-6	-10	-18	-26	-37	-52	-67	-79	-91	-94	-93	-89	-79	-64	-44	-30
-33	-44	-64	-79	-89	-79	-46	-22	-7	6	20	24	19	12	5	1	-1	8	22	38
58	73	90	92	95	90	86	80	79	80	84	89	86	75	51	20	10	0	2	15
36	69	86	97	88	71	16	-41	-98	-124	-130	-121	-93	-62	-37	51	2	23	34	43
48	54	49	33	13	-35	-67	-101	-120	-127	-126	-118	-110	-108	-109	-109	-105	-97	-87	-76
-70	-68	-66	-65	-64	-56	-34	-7	22	39	51	60	67	72	76	80	87	102	112	109
98	82	57	40	20	7	-1	-4	-8	-12	-24	-38	-45	-53	-56	-46	-24	2	35	74
120	165	197	225	241	237	216	196	160	103	61	10	-14	-44	-64	-80	-90	-99	-104	-97
-67	-50	-39	-27	-19	-15	-11	-14	-31	-49	-68	-87	-104	-118	-111	-98	-93	-87	-83	-78
-73	-64	-49	-28	-9	5	11	17	21	23	20	7	-6	-13	-15	-12	-4	4	32	72
83	99	105	115	110	107	100	97	95	101	95	70	23	-1	-20	-42	-64	-91	-115	-134
-142	-145	-135	-131	-130	-120	-110	-93	-82	-70	-60	-54	-51	-48	-47	-49	-55	-60	-65	-61
-65	-72	-80	-88	-99	-109	-118	-124	-125	-107	-91	-73	-59	-53	-44	-26	-10	9	30	69
82	93	87	66	55	48	44	40	38	37	38	41	49	62	88	106	121	133	138	142
146	140	133	118	109	98	89	80	75	68	60	51	41	14	5	0	0	1	4	2
-4	-16	-25	-41	-52	-62	-80	-105	-124	-136	-141	-145	-128	-110	-97	-84	-70	-56	-46	-35
-29	-24	-20	-18	-17	-23	-34	-45	-55	-62	-65	-67	-63	-45	-32	-20	-8	4	21	42
72	106	135	153	161	170	175	176	169	155	133	112	80	67	64	58	57	55	50	44
34	29	25	27	41	64	75	88	101	111	119	129	133	135	133	130	125	117	99	78
55	40	24	9	-7	-23	-45	-78	-106	-113	-114	-101	-86	-65	-44	-9	9	15	19	20
16	9	1	-6	-11	-16	-22	-24	-25	-5	11	10	13	9	7	-1	-14	-31	-47	-61
-72	-78	-88	-101	-107	-103	-93	-79	-66	-53	-39	-24	-11	1	21	37	51	60	65	65
59	35	16	6	1	-5	-7	-9	-11	-13	-14	-4	8	19	29	37	40	42	38	24
1	-13	-28	-37	-46	-52	-55	-53	-51	-46	-41	-26	-20	-15	-18	-23	-31	-42	-51	-57
-59	-63	-64	-66	-59	-44	-32	-23	-20	-17	-16	-13	-13	-10	-32	-45	-53	-61	-65	-69
-72	-74	-71	-50	-35	-12	9	29	37	43	36	36	32	30	28	28	25	19	6	-12

-26	-35	-45	-50	-55	-60	-66	-73	-81	-88	-97	-102	-106	-98	-82	-69	-61	-58	-65	-80
-92	-102	-95	-80	-67	-55	-44	-30	-13	8	30	58	88	105	117	125	127	129	126	117
103	81	62	34	19	3	-5	-11	-7	4	7	10	12	15	14	8	6	0	-4	-6
-20	-5	5	15	25	30	32	21	8	-3	-8	-15	-20	-27	-26	-70	-59	-55	-54	-40
24	34	41	50	55	52	51	46	43	48	51	54	55	56	57	61	68	74	79	83
84	86	87	89	88	89	86	88	88	82	64	67	72	68	64	57	55	56	65	79
87	92	90	88	85	77	68	53	39	26	17	14	6	-3	-8	-15	-13	-9	-4	-4
0	4	8	10	12	9	3	-5	-14	-26	-38	-48	-51	-52	-51	-42	-26	-5	10	13
13	11	10	8	6	4	0	-3	-7	-11	-14	-19	-27	-34	-39	-40	-37	-30	-18	-10
-2	4	9	13	13	14	14	13	15	17	20	22	25	25	24	22	19	16	12	8
5	4	1	1	2	2	-3	-10	-20	-31	-43	-49	-48	-38	-22	-11	-6	-4	-7	-11
-20	-35	-51	-66	-75	-80	-85	-88	-90	-94	-95	-95	-89	-81	-74	-63	-54	-45	-34	-25
-18	-13	-9	-5	-3	-2	-5	-11	-17	-23	-27	-27	-29	-32	-35	-39	-44	-49	-56	-61
-63	-63	-55	-45	-34	-24	-17	-19	-22	-25	-28	-30	-32	-33	-33	-31	-27	-27	-27	-28
-33	-38	-40	-38	-35	-33	-30	-30	-30	-29	-28	-27	-28	-30	-30	-31	-31	-29	-29	-29
-28	-19	-13	2	24	30	37	42	44	46	48	49	50	50	49	47	41	32	28	25
23	19	14	7	0	-1	-1	5	6	7	1	-6	-11	-8	2	9	11	17	20	28
35	37	39	37	30	23	16	8	7	6	5	4	1	-8	-16	-24	-21	-15	-8	0
6	11	14	16	16	17	22	32	45	55	64	71	74	77	79	80	82	88	92	95
89	83	80	76	74	73	71	70	68	67	66	65	62	59	53	45	41	36	34	32
32	23	7	-7	-18	-26	-34	-39	-40	-46	-52	-59	-58	-53	-38	-28	-22	-12	-3	7
19	30	38	43	43	44	44	44	45	45	47	48	46	39	31	18	13	15	16	20
21	23	24	22	15	5	-8	-20	-33	-39	-34	-32	-30	-28	-27	-31	-33	-34	-30	-26
-21	-15	-12	-11	-7	-3	4	12	18	25	29	28	24	28	9	1	-3	-6	-3	-8
-13	-17	-20	-23	-24	-25	-28	-29	-36	-45	-48	-50	-40	-26	-10	-11	16	30	37	40
42	38	34	29	23	16	9	2	-2	-1	7	13	19	12	1	-11	-16	-22	-23	-21
-21	-23	-26	-29	-32	-34	-37	-39	-39	-38	-38	-41	-47	-52	-56	-59	-63	-66	-68	-70
-74	-80	-86	-89	-92	-95	-97	-100	-102	-105	-106	-107	-103	-96	-79	-67	-56	-31	-17	6
27	37	51	60	71	80	87	91	94	91	84	78	71	57	45	23	4	-15	-35	-57
-79	-92	-106	-116	-125	-131	-134	-133	-132	-128	-119	-101	-82	-68	-40	-8	5	12	16	19
24	26	25	22	17	12	5	5	5	0	-14	-19	-22	-28	-33	-29	-22	-10	5	21
32	40	46	52	57	62	64	64	65	65	64	63	62	60	55	46	36	37	34	33
24	26	29	31	33	37	42	44	47	49	52	55	56	57	61	70	81	89	97	102
104	106	107	107	107	105	110	116	116	113	110	105	99	90	79	70	55	44	33	22
13	4	-4	-11	-15	-19	-25	-30	-35	-35	-31	-27	-25	-21	-18	-14	-11	-9	-6	-4
0	4	10	17	24	30	33	34	32	28	26	24	21	14	11	7	5	3	-1	-4
-7	-10	-13	-15	-17	-20	-23	-28	-33	-40	-48	-59	-61	-65	-69	-73	-75	-77	-78	-79
-78	-72	-67	-54	-44	-36	-28	-26	-22	-19	-14	-8	-3	6	13	18	25	31	39	46
50	55	60	64	65	57	42	36	29	22	17	9	-4	-13	-30	-42	-53	-63	-73	-82
-91	-99	-101	-102	-102	-101	-101	-101	-99	-95	-89	-79	-69	-64	-58	-48	-42	-39	-35	-34
-33	-34	-36	-40	-43	-46	-49	-52	-53	-49	-43	-39	-34	-32	-29	-26	-22	-17	-12	-11
-8	-5	-2	2	4	5	5	0	-3	-7	-7	-5	-4	-2	-1	-2	-3	-6	-12	-15
-19	-20	-17	-13	-8	-4	-3	-5	-11	-16	-21	-26	-30	-32	-35	-38	-40	-41	-41	-41
-37	-33	-29	-24	-15	-4	8	18	23	26	26	27	26	27	28	29	30	33	37	43
52	59	67	71	75	78	81	84	88	90	92	89	84	71	66	60	57	53	50	47
47	46	46	45	45	45	43	41	42	49	55	59	64	66	66	68	71	72	73	74
74	74	74	72	70	67	62	56	48	39	31	27	22	14	7	3	-1	-4	-6	-6
-3	-1	2	5	8	12	16	21	25	27	29	30	30	30	29	24	20	16	11	7
3	0	-2	-4	-4	-3	-2	-1	0	1	2	4	6	7	6	2	0	-6	-13	-19

117286 42-001. BORREGO VALLEY EARTHQUAKE OCT 21, 1942 - 0822 PST EPICENTER ~ 32 58 00N, 116 00 0
 STATION NO. 117 EL CENTRO, IMPERIAL VALLEY IRRIGATION DISTRICT COMP UP 32 47 43N, 115 32 5
 INSTR PERIOD = 0.099 SEC DAMPING = 0.431 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

PEAK VALS ACCLN = -25.2 CM/SEC/SEC AT 4.76 SEC VELO = 1.6 CM/SEC AT 38.26 SEC DISP = 0.8 CM AT 35.84 SEC

INITIAL VELO = -0.26616 CM/SEC INITIAL DISP = -0.08369 CM

3566 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.

149	17	-96	-142	-12	78	-1	-66	-36	45	80	79	-43	-9	103	92	-16	-42	2	-48
-23	16	84	45	-108	-72	19	15	-25	6	-40	-57	-35	-4	59	154	55	-100	-16	-34
-48	-65	-57	-116	-118	-28	97	119	40	75	112	67	57	-27	-7	2	-23	-36	-42	-30
-80	-68	20	86	55	-19	39	56	32	7	-53	5	-25	-10	58	122	81	-169	-19	-22
34	65	84	23	32	5	-76	3	11	-58	-52	6	62	56	-34	-22	62	110	0	48
-28	-143	15	132	178	-66	-139	-44	-43	-107	-45	28	36	-73	32	31	-23	-84	-67	30
38	72	22	-22	-102	-63	-4	55	70	-29	-53	52	62	93	77	59	-28	-70	10	65
17	-44	3	11	-11	37	187	114	47	-48	9	72	-39	-99	11	-52	-66	-60	-74	-57
-33	56	97	49	101	72	38	38	-29	-88	-9	13	-69	-81	73	77	8	-57	16	131
50	-84	-81	20	19	-88	-189	33	39	-91	-116	-55	-61	-27	88	86	38	38	13	-3
33	21	-12	-58	-79	-71	-31	-32	26	27	-10	-64	-23	83	66	-8	2	-8	-44	42
46	63	44	26	-11	-15	-17	-47	-81	-124	-164	-114	102	239	90	101	13	-148	-252	-169
-64	88	169	108	83	37	75	66	29	-83	-94	-106	-138	-117	32	32	-1	53	47	85
148	48	-70	-101	-76	-15	-3	56	106	54	-24	-80	-9	34	104	-5	-125	-118	-17	49
47	33	-11	-64	-119	-102	-2	32	-1	-25	-17	-34	-80	-36	49	89	91	60	-38	-40
29	-2	0	-48	-23	-20	19	52	119	66	-84	-43	78	83	9	-45	-16	70	70	-41
-134	-5	-10	0	-3	17	60	17	12	19	6	-23	-55	-42	-3	41	61	70	73	43
-10	-13	100	-33	-214	-166	-58	-33	-9	-30	-81	-121	-49	29	145	195	180	68	8	28
30	-12	-32	-49	-22	6	55	50	-16	-80	-141	-83	-26	-5	-28	-26	0	-8	-13	-13
77	100	103	108	67	9	-19	13	-8	-17	61	-3	-120	-49	-2	79	69	20	28	32
10	11	-8	-22	-46	-73	-107	-80	-8	60	105	79	2	-17	-25	-58	-26	54	95	90
67	14	-2	-68	-120	-92	-127	-86	8	67	80	70	33	26	51	40	-18	-42	-24	-41
-42	-29	-7	-12	24	28	29	12	28	74	27	-9	-32	-20	87	53	-43	-42	8	22
40	16	-15	-37	-57	-71	-84	-102	-83	-11	47	45	-18	-65	-69	-57	44	54	11	-12
-4	16	-29	-45	75	118	28	12	-7	-28	-58	-46	7	-1	-3	-46	-52	9	3	-6
4	99	72	49	17	29	10	-14	-38	-59	-8	-3	-2	-7	-41	-56	-16	39	47	43
38	18	6	-10	-16	-2	76	64	29	-33	-41	-37	-56	-5	72	18	3	3	20	-12
-18	-35	-48	-52	4	-18	-12	-17	-20	8	37	82	45	-4	-34	-34	-65	-80	-62	2
-3	-29	-50	14	37	17	-1	14	12	54	28	30	56	78	32	7	-14	22	44	39
-51	12	-28	-48	-26	2	-23	69	51	35	-19	-37	-57	-56	-49	-58	-59	34	12	19
14	17	22	13	3	6	37	29	4	-24	-38	4	23	33	1	-38	-37	-2	16	2
7	3	18	30	39	41	40	36	35	34	7	-64	-90	-70	-43	-13	0	7	-9	-9
1	-19	-19	3	23	34	45	49	54	54	53	8	-19	-26	-44	-44	-18	4	-28	-68
-73	-54	10	43	45	10	-31	-16	-15	-14	-26	-30	-6	3	-19	32	39	8	8	15
21	10	3	-10	-20	-19	-27	-49	-61	-28	26	42	48	23	31	39	50	51	44	32
13	3	18	5	2	-9	-17	-37	-80	-137	-106	-91	-37	11	60	63	48	49	50	35
24	20	27	27	22	31	44	39	9	-48	-66	-58	-50	-50	-46	-29	-1	4	10	6
8	10	48	42	26	14	33	26	11	-2	-23	-63	-90	-75	-15	1	-4	-12	-9	-5
9	40	49	40	18	-5	-20	-10	-1	-10	-7	18	20	12	0	10	45	62	51	7
-20	2	-2	-21	-43	-60	-24	1	35	48	55	52	51	48	35	3	-28	5	16	6

-10	-12	2	-24	-34	-46	-37	-6	5	6	1	11	21	6	-2	-17	-30	-40	-22	8
23	24	25	28	26	-2	-13	2	9	-7	-10	-20	-28	-35	-34	-32	-21	-20	2	-3
11	27	32	29	54	59	46	21	3	-8	0	16	24	8	-15	-27	-15	-20	-24	-19
-18	-23	-24	-20	-17	-19	-14	8	39	55	53	48	27	8	-1	-12	-9	21	28	10
-9	-6	-1	-37	-45	-7	6	22	37	28	5	-26	-21	-10	0	-6	-9	-6	13	-11
-24	-10	11	-18	-48	-15	-11	-20	6	19	17	2	1	-12	-19	-25	-13	-21	-8	21
32	37	33	20	5	1	-4	9	9	-16	-34	-21	4	-5	32	51	50	47	25	-1
-18	-3	1	-9	-28	-32	5	20	13	-10	-16	-7	-13	-20	-28	-26	-5	-11	-4	-4
8	15	18	8	3	-13	0	4	4	-8	-20	-28	-13	-22	-32	-30	-9	-4	2	-1
-4	-13	-23	-19	-5	-18	-25	-25	-7	17	24	18	29	38	7	-25	-17	-2	-5	-10
7	3	-7	-36	-47	-15	-13	-19	-15	-7	-9	-6	-10	-12	-16	-17	-6	2	-2	16
18	6	0	-12	-9	-8	-5	-9	-8	-15	8	9	-5	5	33	24	27	28	25	12
-5	-18	-16	-9	-13	-30	-15	9	4	15	38	37	29	3	3	13	8	2	-6	1
4	-3	-6	-13	9	13	3	16	16	-2	-13	-11	4	14	-8	5	38	11	4	9
20	8	2	2	15	7	-5	-11	-5	-11	-18	-26	-23	-5	-2	-19	-21	-11	-4	-21
-13	4	10	23	34	29	11	1	-15	-21	-28	-28	-26	-15	-6	-2	-3	18	20	8
-3	-8	6	11	21	26	32	34	32	27	21	12	4	-7	-12	-13	-12	-12	-4	9
7	-1	2	16	23	23	22	19	14	35	37	29	28	19	3	-21	-26	-16	-29	-21
-4	5	9	10	5	-2	-9	-13	17	-19	-20	-13	2	14	11	29	22	11	6	-3
-6	-11	-15	-30	-28	-10	-26	-51	-24	7	-16	-14	-21	-13	-8	0	-1	5	-1	-5
-16	-22	-22	-22	-19	-17	-16	-16	-11	-4	0	0	-1	-9	-3	11	13	18	16	14
11	7	5	3	20	21	19	31	24	5	-1	-13	-22	-28	-21	-5	1	7	5	0
-6	-14	-17	-13	-12	-8	-9	0	-2	-14	-33	-29	-30	-34	-38	-34	-24	-23	-15	-8
-5	-1	4	11	29	29	20	-1	-3	6	-1	-6	-14	-19	-19	-15	-13	11	26	20
15	9	5	6	8	17	10	9	4	9	12	9	10	8	20	24	21	17	13	10
3	-3	-4	1	0	2	5	12	12	21	23	28	27	28	26	43	48	35	27	33
29	25	23	16	8	-2	-11	-8	-5	-11	-17	-7	11	4	-1	-20	-20	-25	-22	-19
-4	6	-3	-1	-8	-12	-15	-16	-16	-5	2	3	1	-4	-12	-20	-27	-33	-28	-19
-11	0	8	7	6	3	-5	-13	-23	-20	-13	-15	-16	-14	-15	-14	-13	-8	0	12
22	24	25	19	11	5	-2	-6	-11	-18	-22	-25	-29	-20	3	21	18	24	30	24
19	11	8	12	12	13	10	10	13	11	3	-6	-13	-18	-23	-28	-32	-36	-15	-10
-19	-16	-20	-21	-22	-23	-15	-8	-12	-2	10	7	8	4	1	1	5	3	19	33
24	23	29	21	8	4	-4	-6	-7	-7	-9	-11	-8	-4	0	6	10	5	2	-2
-9	-9	10	-4	-7	-6	1	4	13	19	26	27	22	18	15	11	13	20	32	41
49	49	47	43	39	33	28	22	16	10	-2	-18	4	-13	-18	-17	-25	-35	-42	-40
-37	-31	-20	-13	-8	-10	-12	-18	-19	-18	-22	-24	-10	-13	-14	-18	-13	1	11	10
16	25	26	19	15	11	10	6	12	9	7	5	11	19	25	23	16	11	6	14
4	2	-6	-10	-7	-7	-16	-1	14	4	-9	-3	6	6	6	0	-3	-2	4	-1
-10	-18	-11	-7	-9	-7	-8	-7	-2	11	11	6	-2	2	22	8	10	4	5	1
-5	-11	-20	-28	-29	-24	-25	-24	-25	-21	-17	-16	-17	-17	-8	-4	-9	7	13	8
14	22	12	6	-2	-6	-9	-6	0	1	3	16	4	1	-7	-1	-10	-14	-22	-14
-4	2	9	13	16	19	22	25	27	26	25	21	18	13	12	17	21	17	12	9
30	18	6	-2	3	0	-5	-9	-9	-8	-12	-15	-20	-25	-25	-24	-14	-14	-15	-16
-18	-19	-19	-16	-2	12	9	5	15	2	-13	-26	-26	-26	-22	-16	-7	15	27	12
15	36	36	31	32	25	22	17	14	9	9	23	21	11	9	1	-4	-7	-11	-13
-13	-15	-16	1	-3	-19	-13	-6	-2	-5	-5	-8	-10	-12	-9	1	7	3	-1	-5
-4	14	15	10	10	6	7	6	2	-3	-9	-7	0	-3	-8	-12	-4	-5	-10	-10
-13	-12	-10	-5	0	7	6	5	4	3	2	1	1	2	4	4	4	3	1	-1
-1	8	5	-2	-8	7	13	9	11	10	12	7	5	2	-2	-5	-8	-5	3	2
-6	-8	-8	-10	-11	-10	-8	-12	-15	-21	-25	-30	-32	-34	-32	-27	-26	-26	-29	-33

-37	-42	-39	-41	-42	-43	-36	-32	-29	-28	-30	-27	-19	-9	1	1	5	8	5	-1
6	12	10	14	16	17	19	19	18	16	13	10	7	5	1	-1	-2	-5	-9	-11
-13	-13	-13	-12	-8	-3	1	7	11	15	18	18	11	14	28	31	33	34	33	29
25	20	19	25	9	0	2	0	-7	-4	5	10	11	14	13	10	7	5	5	5
8	11	16	23	22	18	21	21	16	14	19	20	22	25	26	30	39	44	48	48
48	45	42	41	39	35	32	33	30	26	23	16	11	0	-10	-21	-21	-14	-19	-17
-13	-21	-25	-28	-30	-30	-31	-30	-28	-23	-18	-17	-19	-12	-14	-19	-20	-15	-16	-21
-20	-13	-16	-19	-16	-12	-15	-20	-18	-20	-14	-21	-17	-17	-22	-22	-21	-19	-20	-22
-26	-28	-29	-35	-39	-43	-27	-22	-23	-17	-10	-5	-10	-5	5	4	7	7	14	16
21	15	12	14	15	14	13	8	2	-3	-9	-13	-18	-22	-24	-15	-11	-13	-9	4
10	10	7	11	12	5	5	5	9	14	20	22	21	18	14	9	4	-1	-3	-3
4	5	1	0	2	0	-3	-6	-3	5	6	7	21	23	18	14	14	11	10	8
3	-2	1	5	9	15	18	13	9	12	11	9	9	12	10	10	14	19	15	15
15	19	17	14	13	22	27	27	27	29	32	30	29	26	21	15	7	4	7	2
-2	-4	0	-7	-11	-10	-10	-18	-24	-25	-17	-17	-19	-23	-26	-22	-27	-32	-34	-31
-28	-33	-26	-14	-18	-15	-13	-7	-10	-12	-12	-8	-5	-6	-9	-9	-8	-12	-14	-17
-17	-16	-12	-10	-8	-9	-11	-16	-14	-11	-14	-14	-10	-11	-14	-14	-12	-12	-11	-12
-9	-10	-10	-11	-5	-2	4	5	11	19	14	15	15	16	16	17	17	17	16	15
13	13	16	13	13	18	17	15	14	18	19	15	13	9	4	0	-1	-2	0	5
6	8	18	16	14	14	15	14	14	12	11	8	6	-1	-3	-1	-7	-10	-13	-5
0	-2	-2	-5	-3	-5	-7	-3	-2	-4	-6	-8	-7	-4	-7	-10	-8	-6	-9	-10
-2	-3	-2	7	11	12	16	19	26	27	23	17	20	21	12	6	0	0	-6	-3
4	1	1	-2	-3	2	9	9	6	16	18	13	13	15	11	5	1	6	7	6
7	10	6	-3	-8	-4	-5	-11	-13	-9	-12	-17	-19	-16	-16	-23	-30	-31	-27	-29
-33	-26	-23	-29	-32	-38	-36	-35	-39	-46	-41	-39	-33	-29	-26	-18	-13	-11	-8	9
10	6	9	11	12	13	10	8	5	2	0	2	2	2	1	3	11	9	2	1
2	0	-2	1	6	7	5	3	2	1	-1	-4	-4	-1	2	-2	-3	5	1	0
4	8	10	13	13	15	17	19	20	26	24	23	20	15	11	9	6	4	3	1
1	1	2	0	-3	-5	-2	-1	-1	-2	3	3	1	4	5	5	7	9	11	12
14	16	18	16	16	15	18	16	12	9	7	5	3	-1	-10	-14	-8	-16	-22	-21
-15	-23	-25	-26	-18	-16	-11	-9	-6	-5	-1	0	4	6	18	18	13	9	11	10
6	3	-1	-1	2	-1	8	7	-4	-5	14	13	7	3	13	10	6	16	14	14
13	10	8	6	3	1	-2	-8	-13	-18	-24	-31	-35	-32	-28	-28	-27	-19	-25	-31
-19	-3	-8	-13	-11	-8	0	3	-1	1	5	4	2	9	11	7	7	9	12	14
15	17	19	18	18	19	30	30	19	25	41	26	26	20	19	19	17	13	19	25
16	10	9	14	8	8	3	3	-2	-6	-11	-15	-20	-23	-26	-24	-23	-27	-29	-25
-22	-22	-19	-17	-15	-13	-11	-10	-9	-9	-9	-9	-11	-6	-3	-3	-1	2	4	5
6	11	13	17	19	22	20	17	13	20	19	14	12	15	13	9	6	4	3	-1
-3	-5	-5	-5	-7	-10	-11	-8	-9	-13	-11	-5	-4	-6	-2	2	3	6	7	8
7	5	4	6	13	5	-3	10	4	-5	-7	-13	-16	-19	-21	-23	-24	-25	-26	-34
-29	-29	-35	-35	-32	-35	-37	-37	-28	-23	-25	-27	-27	-23	-20	-14	-15	-17	-12	-8
-6	-5	0	0	1	2	8	9	10	12	19	23	23	26	29	27	26	27	28	28
26	24	21	20	19	17	15	13	13	10	9	11	10	9	8	10	11	9	9	7
5	3	2	1	3	0	-4	-7	-11	-14	-11	-4	-6	-6	-6	-6	-5	-2	-2	8
7	9	6	14	20	14	16	18	21	17	13	15	18	21	26	29	32	34	32	29
28	30	25	22	17	13	8	4	1	-3	-4	-5	-6	-6	-9	-13	-15	-18	-20	-20
-17	-20	-23	-26	-26	-27	-27	-27	-26	-23	-20	-18	-18	-14	-6	-10	-9	-8	-8	-8
-7	-6	-4	-2	0	5	10	10	5	8	9	6	6	4	3	2	1	-1	-3	-5
-6	-8	-8	-8	-9	-6	-1	-2	-2	-4	-3	-1	-7	-10	-11	-11	-14	-16	-19	-20
-19	-19	-23	-18	-14	-15	-10	-11	-12	-13	-13	-13	-13	-12	-11	-10	-10	-10	-13	-9

-9	-12	-11	-7	-3	-1	2	1	2	5	7	7	16	21	15	16
21	23	22	24	26	29	28	30	34	39	33	30	28	32	27	23
19	18	17	15	12	9	4	0	-5	-20	-18	-21	-24	-20	-21	-23
-25	-27	-29	-30	-32	-31	-28	-27	-28	-11	-8	-7	-6	-6	-6	1
0	-1	-1	3	2	3	2	2	0	11	10	11	9	5	1	3
7	3	0	-3	-4	-5	-5	-6	-5	-7	-7	-9	-7	-4	-6	-5
0	0	0	3	5	5	6	6	6	9	11	8	7	7	12	7
12	16	18	22	25	29	29	26	21	21	12	-1	9	7	0	-3
-7	-6	-9	-12	-11	-3	-5	-6	-8	-10	-8	-12	-13	-15	-16	-16
-16	-22	-20	-14	-18	-17	-14	-11	-12	-4	-5	-1	2	-1	-2	1
-2	-7	-7	-6	-7	-8	-7	0	-3	1	-1	-6	-5	0	-6	-9
-6	-1	-9	-9	-11	-10	-13	-12	-15	-6	-11	-13	-11	1	-3	0
3	5	3	4	6	10	8	5	3	8	5	3	2	4	4	3
5	6	9	13	14	10	19	19	14	16	18	19	19	19	18	19
15	13	22	19	16	14	13	14	11	15	14	15	17	17	14	10
11	16	10	9	8	6	3	1	0	-6	-8	-12	-8	-11	-18	-14
-7	-14	-16	-18	-15	-16	-16	-16	-12	-20	-25	-27	-22	-18	-21	-19
-14	-13	-12	-11	-9	-3	-1	-1	0	13	12	11	10	12	7	2
-6	6	11	-2	-5	-5	-2	-5	10	-8	-8	-7	-6	-5	-3	-1
-1	-4	0	9	7	5	9	11	11	15	16	12	11	8	16	15
12	11	17	15	11	9	11	11	9	-3	-8	-8	6	-5	-9	-11
-3	-5	-9	-11	-11	-13	-13	-14	-10	-6	-9	-12	-1	9	0	0
-1	2	0	0	-1	-1	-4	-6	-10	-7	-12	-13	-5	-3	-4	-2
-3	1	3	4	4	3	12	6	4	12	10	11	10	11	12	11
9	14	13	11	13	15	12	9	8	6	6	4	-1	-6	-1	-1
-9	-11	-5	-9	-10	-11	-12	-13	-15	-22	-16	-9	-13	-16	-9	-15
-15	-18	-18	-20	-19	-20	-19	-18	-18	-6	-5	-3	-1	2	5	6
6	7	7	8	9	10	10	8	9	11	9	8	9	10	9	8
7	6	6	4	4	10	12	12	12	16	21	20	18	16	17	18
18	17	18	18	16	13	14	13	10	4	1	1	-1	-6	-1	-2
-10	-9	-4	-9	-12	-14	-13	-13	-11	-12	-14	-10	-9	-13	-16	-16
-12	-16	-18	-17	-15	-14	-14	-13	-14	-10	-10	-10	-6	-4	-4	-4
-3	-1	-2	-1	2	7	8	8	9	16	14	14	13	13	12	11
11	11	11	9	7	5	5	1	-3	-13	-14	-16	-18	-20	-19	-18
-19	-17	-15	-16	-17	-17	-15	-13	-10	-6	-5	-2	-1	-1	-3	-1
0	-4	-3	-1	1	3	3	4	4	4	4	5	4	2	1	3
5	5	2	0	-2	-3	-5	-3	4	-2	-8	-9	-2	0	-2	-4
-1	4	1	4	2	3	2	-3	-4	-5	-8	-9	-2	10	-2	10
11	13	12	11	9	8	2	3	6	6	10	9	8	10	10	10

IIT287 51.002. IMPERIAL VALLEY EARTHQUAKE JAN 23, 1951 - 2317 PST EPICENTER - 33 07 00N, 115 34 0
 STATION NO. 117 EL CENTRO, IMPERIAL VALLEY IRRIGATION DISTRICT COMP NORT 32 47 43N, 115 32 5
 INSTR PERIOD = 0.064 SEC DAMPING = 0.552 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

PEAK VALS ACCLN = 30.4 CM/SEC/SEC AT 1.16 SEC VELO = -3.0 CM/SEC AT 6.44 SEC DISP = -2.0 CM AT 7.28 SEC

INITIAL VELO = 0.95487 CM/SEC INITIAL DISP = 0.15294 CM

3003 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.

253	92	21	59	127	139	95	24	-61	-149	-191	-162	-108	-93	-156	-245	-296	-301	-242	-126
-26	15	35	47	-4	-97	-119	-53	14	27	5	-13	-5	35	101	177	238	270	272	261
222	149	64	-33	-83	-71	-133	-263	-303	-271	-205	-77	48	69	22	43	147	251	304	293
197	61	-35	-74	-56	-5	36	21	-38	-80	-71	-44	-19	-21	-57	-94	-94	-24	105	234
252	184	82	-40	-71	-36	-16	-31	-64	-89	-78	-37	-6	-31	-97	-135	-128	-95	-57	-19
21	62	120	172	141	57	-5	-41	-75	-77	-16	58	74	37	-11	-76	-115	-69	-9	19
41	65	83	77	59	40	22	4	-14	-36	-70	-93	-83	-58	-35	-11	2	-32	-96	-120
-89	-47	-15	15	42	46	33	17	-18	-72	-124	-111	-39	41	90	65	18	-3	-14	-24
-36	-33	4	55	80	60	25	-8	-42	-68	-57	-21	20	74	117	101	49	-2	-57	-82
-33	40	110	133	74	-1	-23	0	26	49	49	17	-29	-82	-129	-117	-56	1	13	-13
-40	-54	-40	-17	6	36	72	110	121	81	23	-27	-11	64	90	44	-19	-62	-58	-32
-6	24	45	23	-23	-53	-72	-90	-81	-28	31	33	-9	-31	-39	-41	-28	6	47	87
104	91	74	68	76	91	107	110	62	-22	-89	-87	-38	0	-6	-40	-68	-88	-104	-105
-91	-69	-33	9	35	16	-24	-48	-59	-69	-77	-71	-57	-43	-29	-16	-6	2	10	17
23	28	37	57	74	53	6	-42	-85	-96	-83	-66	-40	-9	10	20	29	40	59	81
104	105	71	26	-16	-56	-87	-92	-78	-70	-79	-96	-114	-121	-105	-82	-59	-49	-58	-73
-79	-49	7	56	99	130	116	75	31	20	76	154	230	281	247	166	88	13	-57	-83
-57	-23	-11	-32	-59	-87	-105	-82	-28	-7	-35	-77	-101	-101	-29	18	56	62	52	42
56	98	144	154	121	80	40	6	32	105	183	214	149	54	-40	-107	-91	-42	-20	-12
-5	3	11	26	44	63	76	58	14	-31	-81	-129	-158	-148	-108	-63	-1	75	89	31
-41	-90	-83	-47	-11	38	105	142	95	11	-31	-21	1	3	-18	-45	-57	-44	-23	-4
16	30	24	9	-4	-3	11	26	36	35	26	22	33	53	61	41	12	-17	-37	-32
-13	15	29	5	-29	-48	-63	-77	-89	-89	-67	-28	16	46	68	84	71	33	-5	-45
-70	-56	-21	2	2	-5	-12	-17	-10	5	20	35	42	24	-4	-31	-42	-27	-6	-5
-23	-43	-57	-64	-59	-46	-32	-19	-3	14	31	49	66	70	52	26	11	25	52	56
25	-12	-48	-75	-68	-34	-1	33	54	50	38	27	15	11	28	49	63	65	43	12
-2	0	2	4	3	-12	-35	-52	-46	-26	-9	-9	-21	-33	-46	-51	-35	-8	16	21
1	-18	-29	-29	-19	0	27	59	78	71	56	44	27	3	-20	-32	-26	-15	-7	-18
-48	-79	-104	-95	-62	-27	14	52	80	105	115	105	91	68	27	-28	-91	-153	-205	-223
-214	-205	-196	-187	-179	-163	-125	-66	4	52	78	91	96	100	105	111	120	128	137	140
127	99	63	28	5	-5	-10	-6	3	18	39	69	93	105	113	112	103	88	64	37
0	-50	-99	-142	-184	-200	-168	-133	-114	-99	-98	-106	-113	-121	-126	-113	-88	-54	6	71
115	122	101	86	89	97	106	110	85	38	-10	-50	-68	-78	-88	-99	-110	-130	-159	-186
-171	-108	-44	13	71	122	123	90	71	59	47	36	34	40	47	42	26	9	-11	-33
-54	-75	-87	-83	-71	-51	-23	3	11	2	-3	11	40	68	98	115	105	88	71	54
38	21	4	-11	-14	-7	1	7	1	-13	-28	-35	-26	-12	-1	2	-5	-11	-12	-4
6	16	27	38	50	62	74	86	91	76	54	32	7	-19	-41	-63	-85	-105	-104	-77
-46	-16	3	4	-1	-5	-9	-13	-17	-21	-26	-27	-20	-9	1	4	1	-2	-5	-4
9	26	37	46	52	48	36	25	25	30	36	36	30	22	15	12	19	28	21	-6
-28	-45	-60	-71	-82	-89	-89	-88	-83	-66	-39	-9	22	55	83	98	109	119	118	110

102	91	76	61	48	38	28	19	14	10	6	2	-1	-4	-7	-10	-18	-31	-45	-61
-79	-94	-106	-117	-124	-118	-102	-87	-71	-49	-25	5	42	86	131	171	187	164	126	91
55	29	12	-4	-21	-37	-54	-70	-87	-104	-123	-142	-157	-149	-126	-103	-79	-56	-33	-14
1	9	9	8	9	15	25	34	44	53	63	68	62	51	40	29	18	13	17	23
23	16	8	0	-7	-15	-17	-10	0	5	-1	-15	-28	-41	-43	-29	-12	5	22	39
55	58	46	33	21	18	25	30	27	17	7	-4	-11	-5	7	19	31	41	38	22
7	1	3	5	7	10	14	14	9	2	-4	-10	-22	-47	-24	-77	-70	-72	-55	-46
-37	-28	-18	-9	0	9	18	27	36	40	32	18	4	-10	-24	-39	-55	-72	-79	-76
-70	-59	-37	-14	7	27	47	66	79	86	94	101	101	94	86	79	66	45	23	1
-18	-32	-45	-59	-65	-53	-33	-14	5	21	36	51	66	67	54	38	22	7	-7	-22
-27	-18	-5	7	19	29	39	48	48	39	28	17	11	13	18	19	9	-3	-16	-27
-30	-25	-19	-13	-8	-2	3	9	14	20	21	13	2	-8	-19	-24	-21	-16	-12	-8
-5	-11	-25	-38	-48	-51	-53	-48	-29	-5	17	40	61	79	92	88	62	34	9	-12
-27	-38	-45	-50	-54	-59	-59	-51	-40	-30	-19	-9	1	12	22	32	33	21	8	-6
-19	-33	-45	-42	-52	-2	13	23	33	43	63	63	72	70	52	30	11	-8	-23	-34
-39	-32	-20	-7	5	17	29	41	46	37	25	14	2	-9	-21	-39	-33	-36	-40	-45
-53	-65	-77	-88	-81	-58	-39	-26	-13	0	5	-2	-11	-21	-30	-39	-47	-54	-56	-48
-35	-23	-9	5	19	34	39	23	4	-6	-10	-14	-19	-23	-21	-13	-10	-15	-20	-13
-2	10	21	34	46	58	62	58	53	47	42	37	31	26	20	14	11	16	23	30
34	30	21	13	8	12	18	23	29	32	26	15	9	13	20	26	25	16	7	-2
-3	6	17	22	17	9	1	-2	5	17	28	31	25	17	10	3	-5	-12	-19	-21
-15	-6	3	9	3	-10	-23	-36	-49	-62	-66	-58	-48	-39	-28	-17	-6	5	10	8
3	-2	-7	-12	-16	-21	-26	-31	-34	-29	-18	-8	3	14	24	35	46	56	67	67
56	43	30	15	-3	-22	-33	-38	-43	-48	-51	-46	-38	-30	-23	-16	-9	-3	2	3
1	-1	-3	-4	-1	3	8	12	16	20	23	26	30	30	22	13	3	-6	-16	-25
-33	-42	-50	-59	-67	-74	-76	-79	-77	-64	-46	-29	-12	4	20	35	49	57	62	66
71	75	79	76	65	53	41	26	7	-14	-33	-43	-46	-49	-53	-56	-60	-60	-52	-41
-31	-22	-16	-11	-6	0	3	2	-1	-3	-6	-11	-16	-20	-18	-14	-11	-7	-3	2
8	13	19	25	30	36	41	40	31	20	9	-3	-16	-30	-42	-52	-59	-67	-73	-71
-65	-59	-50	-34	-18	-2	15	29	31	25	20	15	9	3	-2	-2	2	6	9	11
12	14	15	19	24	27	25	18	11	4	-2	-8	-12	-16	-20	-24	-27	-28	-26	-24
-22	-18	-12	-6	-1	5	11	17	-63	-55	31	35	39	43	49	57	67	75	68	52
34	12	-12	-28	-39	-50	-57	-63	-32	-27	-43	-32	-21	-11	0	11	22	27	21	10
7	14	24	34	43	53	54	45	32	20	8	4	7	11	14	18	18	12	4	-4
-11	-16	-20	-24	-27	-28	-28	-28	-28	-28	-25	-16	-5	5	15	25	34	43	44	35
22	13	10	12	13	15	17	17	13	8	3	-2	-7	-13	-16	-13	-7	-1	4	10
14	18	22	26	30	30	26	21	17	13	6	-5	-18	-31	-42	-49	-54	-52	-42	-32
-22	-11	0	12	23	33	40	44	40	33	27	20	16	17	19	20	22	23	25	24
16	3	-10	-23	-36	-46	-46	-39	-33	-26	-20	-14	-9	-5	-2	2	5	6	5	3
1	0	1	4	7	9	12	15	17	16	12	8	4	0	0	0	1	2	3	4
5	8	16	25	35	39	30	16	5	-2	-10	-16	-19	-20	-20	-20	-21	-18	-13	-7
-1	4	10	13	11	9	6	4	2	-1	-4	-7	-10	-10	-7	-2	2	6	10	14
17	21	23	20	15	10	5	0	-5	-11	-17	-23	-28	-27	-20	-13	-6	-1	4	8
12	15	14	12	10	7	6	9	13	17	21	24	21	15	9	2	-4	-10	-13	-12
-9	-7	-4	-2	1	3	5	5	3	0	-2	-3	-2	-2	-1	0	1	-2	-7	-7
-13	-18	-23	-24	-23	-22	-20	-19	-18	-20	-23	-26	-29	-33	-35	-34	-30	-25	-21	-16
-13	-12	-10	-9	-9	-11	-13	-15	-17	-19	-21	-23	-20	-12	-2	7	16	24	27	26
24	23	21	18	15	12	9	5	4	4	6	8	9	11	13	14	12	10	8	6
4	3	2	1	-1	-5	-11	-16	-21	-22	-18	-14	-10	-6	-2	1	3	6	6	3
1	-2	-5	-7	-10	-12	-15	-14	-9	-3	-2	8	10	11	12	13	14	17	21	25

29	32	32	28	24	20	16	12	8	4	0	-3	-4	-6	-6	-5	-3	-1	1	2
1	-1	-3	-4	-3	-1	0	2	3	5	7	-32	-33	12	12	7	4	4	6	8
10	12	15	15	8	-1	-8	-14	-19	-23	-28	-32	-33	-30	-30	-29	-27	-25	-21	-15
-8	-2	6	15	24	33	41	42	37	32	27	22	18	15	11	7	3	0	-4	-6
-9	-11	-14	-15	-11	-7	-2	3	7	12	16	20	25	9	9	-10	-17	-22	-27	-32
-32	-27	-22	-17	-12	-7	-2	4	10	16	21	23	25	27	28	30	29	24	17	10
3	-4	-11	-20	-30	-35	-32	-26	-21	-15	-10	-5	-1	2	5	8	12	15	18	15
9	2	-5	-11	-18	-24	-29	-32	-35	-39	-42	-45	-48	-51	-50	-45	-39	-34	-28	-22
-15	-6	3	12	21	29	34	35	36	38	-42	-45	-48	28	21	14	7	0	-6	-10
-14	-18	-22	-26	-26	-25	-23	-22	-20	-19	-17	-16	-18	-20	-22	-24	-26	-28	-30	-33
-31	-25	-16	-9	-1	7	15	23	31	39	48	55	57	51	46	40	34	28	22	16
10	5	1	-2	-5	-9	-12	-15	-18	-21	-20	-15	-10	-5	0	4	7	11	14	12
7	2	-3	-9	-14	-19	-25	-28	-25	-19	-12	-5	1	4	4	4	4	3	2	1
-1	-3	-4	-5	-3	1	6	10	14	19	22	21	19	17	15	12	10	8	7	5
3	1	-1	-3	-4	-6	-7	-9	-10	-11	-9	-7	-5	-3	-12	-1	3	4	5	7
8	9	11	15	19	24	29	33	37	33	24	15	6	-3	-12	-20	-27	-31	-28	-23
-18	-13	-7	-3	-2	-3	-3	-4	-4	-5	-5	-6	-6	-5	-3	-1	1	2	4	6
8	8	5	0	-5	-10	-15	-17	-15	-11	-8	-5	-2	2	5	10	14	18	21	23
23	23	23	23	23	22	18	13	8	3	-1	-6	-10	-10	-7	-5	-3	0	2	4
6	8	10	12	14	16	17	15	12	8	5	1	-2	-7	-11	-16	-21	-26	-30	-35
-36	-33	-29	-26	-22	-19	-15	-11	-8	-4	0	3	6	9	12	15	18	22	25	28
31	34	37	40	44	47	48	45	41	37	32	28	24	20	16	13	10	7	5	2
0	-4	-10	-17	-23	-29	-32	-34	-37	-39	-37	-34	-30	-26	-23	-19	-16	-12	-8	-5
-3	0	2	5	7	10	13	15	18	20	19	15	12	8	5	1	-2	-6	-9	-13
-16	-16	-14	-13	-11	-10	-8	-6	-5	-3	-2	-1	-2	-3	-5	-6	-7	-9	-10	-11
-13	-14	-16	-16	-12	-7	-2	3	8	13	18	22	27	31	35	36	31	24	17	11
4	-3	-10	-16	-18	-18	-17	-16	-15	-15	-14	-13	-12	-12	-10	-7	-4	-1	2	5
8	11	14	17	18	16	15	13	11	10	8	7	5	3	1	-2	-5	-8	-11	-11
-9	-7	-5	-2	0	2	4	6	7	7	8	9	9	8	4	1	-3	-6	-9	-13
-16	-19	-22	-22	-20	-18	-16	-15	-13	-11	-9	-7	-4	1	6	11	16	21	24	25
23	22	21	19	18	16	15	13	9	5	1	-3	-7	-11	-15	-18	-17	-14	-11	-8
-5	-1	3	7	11	14	16	13	10	7	5	4	6	7	8	9	10	11	9	7
5	2	0	-2	-5	-7	-10	-13	-16	-19	-22	-22	-20	-19	-18	-17	-16	-14	-13	-12
-11	-9	-9	-9	-10	-11	-13	-14	-15	-17	-19	-21	-24	-26	-29	-30	-28	-24	-20	-16
-12	-9	-5	-1	3	7	11	15	18	15	10	5	0	-5	-11	-16	-20	-18	-15	-12
-8	-5	-2	2	5	7	6	4	2	0	-1	0	1	2	3	5	6	7	9	10
11	11	11	9	8	7	6	4	3	3	4	6	7	9	10	12	13	13	13	11
10	9	8	7	6	5	3	-1	-4	-8	-12	-12	-10	-8	-6	-3	-1	1	3	5
7	9	12	14	14	12	9	7	4	2	-1	-4	-7	-11	-14	-18	-20	-18	-15	-12
-10	-7	-4	0	3	7	11	15	18	22	24	21	16	10	5	-1	-4	-5	-4	-3
-2	-2	-1	-1	-1	-1	-1	-2	-2	-3	-3	-4	-4	-5	-5	-6	-6	-7	-8	-10
-11	-12	-13	-14	-16	-17	-18	-19	-20	-21	-23	-24	-25	-26	-24	-21	-17	-13	-9	-5
-1	6	4	11	15	19	22	26	30	32	30	28	25	23	21	18	16	14	11	9
4	4	2	-1	-3	-5	-4	-2	0	2	4	6	8	10	11	13	13	12	9	6
3	0	-3	-5	-6	-5	-3	-1	-7	-7	-6	-5	-4	-3	-3	-2	-1	0	1	6
3	0	-3	-5	-8	-9	-9	-8	-7	-7	-6	-5	-4	-3	-3	-2	-1	0	0	7
2	1	1	0	0	-1	-1	-1	-2	-2	-3	-3	-4	-4	-5	-5	-6	-6	-7	-7
-8	-8	-9	-7	-4	0	3	7	10	14	17	21	24	28	31	34	38	39	36	32
27	23	18	13	9	6	5	3	1	0	-2	-4	-6	-7	-9	-11	-13	-14	-16	-18
-19	-20	-20	-21	-21	-21	-21	-19	-16	-13	-10	-7	-3	0	3	6	8	9	7	6

[illegible]

18	18	26	38	50	61	74	85	84	71	56	35	4	-33	-68	-89	-97	-105	-112	-119
-125	-118	-109	-115	-128	-132	-122	-106	-89	-73	-56	-39	-16	10	36	62	88	114	140	167
183	167	130	92	54	15	-24	-64	-105	-141	-150	-140	-128	-118	-116	-120	-124	-128	-129	-90
-8	60	107	152	195	213	188	151	114	79	49	21	-7	-36	-17	-92	-116	-112	-85	56
-26	4	28	45	59	73	92	118	138	121	81	51	27	3	-17	-17	-5	9	23	37
47	44	33	21	10	2	-7	-12	-12	-8	-5	-2	-10	-29	-49	-69	-85	-86	-79	-72
-67	-61	-56	-42	-9	31	71	106	112	99	84	69	57	50	46	41	36	29	19	1
-31	-59	-67	-63	-58	-50	-42	-33	-20	-2	12	9	-9	-26	-38	-47	-55	-64	-72	-73
-70	-64	-45	-18	3	19	18	1	-11	-15	-17	-19	-19	-18	-16	-13	-9	-4	2	4
0	-7	-10	-6	2	9	17	19	15	7	0	-7	-8	-2	5	12	20	27	36	45
55	64	73	82	91	98	93	80	67	53	40	27	14	1	-12	-25	-27	-17	-4	5
12	19	26	30	26	18	8	-7	-25	-44	-60	-65	-63	-60	-56	-47	-35	-23	-12	-8
-15	-21	-23	-25	-26	-27	-29	-30	-32	-37	-45	-51	-58	-63	-59	-45	-31	-10	18	50
73	85	87	74	53	32	9	-14	-39	-57	-55	-40	-24	-6	11	-45	22	34	35	33
30	28	35	48	62	75	90	97	87	67	48	31	14	-3	-20	-37	-54	-68	-65	-52
-38	-24	-10	4	17	30	41	50	55	49	38	26	15	4	-7	-17	-27	-32	-32	-28
-24	-18	-8	4	14	14	7	-1	-10	-18	-28	-39	-49	-57	-63	-69	-68	-60	-50	-39
-19	11	40	57	69	81	78	60	38	16	-5	-15	-11	-4	4	11	15	16	16	16
17	16	13	9	4	-7	-22	-34	-45	-49	-46	-42	-37	-31	-23	-13	-3	7	16	23
23	18	11	5	-1	-2	2	6	11	16	19	17	13	7	2	0	4	11	17	24
31	30	22	12	2	-7	-17	-21	-18	-12	-7	0	11	26	39	50	59	69	74	71
63	55	47	33	11	-13	-37	-62	-79	-87	-91	-95	-96	-92	-87	-82	-75	-62	-45	-28
-8	13	36	54	56	47	38	29	21	15	11	7	3	-1	-5	-9	-10	-7	-5	-2
0	-3	-8	-13	-17	-20	-22	-24	-28	-32	-38	-48	-63	-76	-89	-95	-83	-64	-44	-24
-2	24	49	67	80	93	106	106	92	74	56	39	26	18	10	-6	-6	-13	-21	-29
-36	-40	-38	-34	-31	-25	-17	-7	2	7	5	2	-1	-4	-6	-6	-4	-1	1	4
6	7	9	11	15	22	31	39	46	52	58	61	55	45	34	23	12	3	1	6
12	16	13	5	-2	-10	-16	-23	-29	-36	-41	-44	-47	-49	-47	-42	-37	-32	-27	-22
-16	-11	-5	1	4	5	6	7	8	9	10	11	13	16	17	15	10	8	11	16
21	26	28	25	20	15	12	13	14	11	5	0	-6	-12	-17	-23	-28	-27	-23	-18
-13	-8	-3	3	8	7	-2	-14	-25	-36	-46	-54	-62	-70	-73	-68	-61	-52	-36	-15
1	6	7	8	9	10	12	16	19	22	22	17	11	6	2	-1	-4	-7	-9	-8
-6	-2	2	8	12	14	14	15	15	16	16	17	18	19	20	22	23	26	30	34
37	41	45	49	52	46	33	20	4	-13	-32	-48	-62	-72	-73	-71	-68	-66	-64	-61
-56	-50	-44	-38	-31	-25	-19	-13	-7	0	6	12	18	21	22	23	24	25	28	31
35	39	45	53	62	66	57	41	25	14	14	19	24	29	31	21	2	-15	-23	-23
-14	-20	-10	7	25	43	62	79	79	60	38	15	-8	-28	-45	-56	-59	-60	-60	-58
-52	-43	-35	-27	-19	-11	-4	2	9	16	23	30	37	43	50	51	47	41	35	29
23	18	13	9	4	-1	-6	-11	-15	-20	-23	-22	-19	-17	-14	-12	-10	-9	-7	-6
-5	-3	0	2	5	8	11	12	11	8	5	1	-3	-7	-11	-12	-12	-11	-8	-2
4	10	17	20	17	11	4	-1	-5	-8	-10	-13	-17	-22	-27	-33	-38	-44	-47	-45
-41	-37	-33	-29	-26	-25	-25	-25	-25	-27	-29	-31	-33	-33	-30	-27	-23	-17	-9	-1
12	32	47	55	61	65	61	50	39	29	24	22	21	19	18	16	12	6	-1	-7
-14	-20	-26	-30	-27	-20	-12	-5	1	7	9	8	6	4	1	-5	-12	-18	-24	-31
-37	-38	-35	-31	-28	-24	-19	-14	-8	-2	3	9	15	20	25	31	36	40	44	49
53	57	58	50	40	29	19	5	-10	-26	-33	-32	-30	-27	-24	-17	-5	7	17	24
31	37	41	42	42	42	43	43	43	41	34	27	19	11	0	-12	-21	-23	-23	-23
-22	-21	-19	-16	-13	-10	-7	-3	2	7	13	18	22	21	18	15	11	6	2	-3
-6	-3	1	6	13	20	27	27	20	12	4	-3	-9	-13	-12	-10	-8	-7	-8	-9
-9	-8	-6	-4	-2	1	2	0	-2	-3	-1	1	3	5	7	7	5	4	2	1

0	-2	-3	-5	-6	-8	-9	-11	-12	-13	-13	-12	-10	-8	-7	-6	-8	-13	-20	-26
-33	-40	-46	-53	-59	-60	-54	-46	-38	-30	-20	-6	8	24	37	45	50	56	61	61
57	52	47	43	38	32	26	20	15	9	3	-3	-8	-12	-13	-13	-13	-14	16	22
-14	-14	-15	-15	-18	-22	-26	-29	-29	-26	-22	-19	-15	-11	-7	-2	4	10	16	22
25	24	23	21	20	17	14	11	8	5	2	-2	-6	-11	-16	-21	-26	-31	-37	-45
-52	-60	-63	-61	-55	-50	-45	-37	-26	-14	-3	10	24	40	55	67	67	62	56	51
46	40	35	31	26	21	17	12	7	2	-2	-7	-10	-10	-10	-10	-11	-11	-11	-11
-12	-12	-14	-20	-27	-34	-41	-48	-55	-62	-67	-68	-66	-64	-62	-60	-57	-51	-44	-36
-28	-20	-12	-4	4	13	20	25	26	27	27	27	26	24	21	18	15	12	10	11
12	13	14	15	17	18	19	20	21	21	19	18	17	15	14	12	11	9	8	7
5	4	3	2	1	4	9	16	23	29	36	42	45	43	41	39	37	34	32	30
30	33	36	39	38	30	19	8	-3	-13	-22	-27	-31	-36	-40	-41	-37	-30	-25	-24
-26	-30	-34	-32	-34	-36	-38	-40	-40	-38	-34	-30	-26	-23	-22	-23	-25	-27	-28	-30
-32	-34	-36	-35	-31	-25	-20	-14	-5	7	16	20	22	24	25	27	28	29	30	31
32	33	34	35	36	32	26	19	12	7	2	-2	-4	-4	-3	-2	-1	-1	0	3
7	11	15	19	23	26	28	30	32	34	33	25	15	7	-1	-8	-15	-25	-35	-38
-35	-30	-24	-18	-11	-5	0	2	4	7	9	11	12	12	10	8	6	5	3	1
-1	-4	-8	-12	-13	-11	-7	-3	1	5	8	12	16	20	21	19	15	11	7	5
4	5	6	6	7	8	8	9	10	10	8	5	1	-2	-6	9	13	17	20	-23
-22	-16	-9	-3	3	7	12	17	22	26	29	33	36	35	32	29	25	20	10	0
-5	-6	-6	-6	-6	-6	-6	-6	-8	-10	-13	-16	-19	-22	-24	-23	-21	-18	-16	-14
-12	-10	-8	-7	-5	-3	-2	-1	0	0	1	1	2	3	3	3	3	2	1	1
-2	-5	-8	-11	-14	-14	-12	-9	-6	-3	-24	-29	-34	-38	-43	-48	-52	-51	-49	-47
19	15	11	7	3	-1	-5	-9	-14	-19	-24	-29	-34	-38	-43	-48	-52	-51	-49	-47
-44	-41	-35	-26	-18	-8	7	20	27	30	34	35	34	32	30	28	27	28	31	33
35	37	38	39	39	32	26	19	12	21	14	5	-4	-13	-19	-22	-25	-28	-30	-30
-28	-27	-25	-24	-22	-19	-17	-14	-12	-9	-6	-2	2	6	8	9	11	12	13	14
15	15	16	16	17	17	18	18	19	19	19	19	15	10	5	-1	-6	-11	-14	-16
-17	-14	-10	-5	-1	4	7	9	11	13	15	17	17	16	15	14	12	11	10	7
3	-2	-7	-11	-16	-21	-26	-28	-27	-24	-22	-19	-17	-14	-11	-8	-5	-2	1	3
5	7	9	10	12	14	17	20	23	26	29	32	35	36	31	23	15	7	0	-6
-12	-17	-21	-25	-28	-30	-29	-25	-21	-18	-14	-11	-7	-4	-4	-6	-9	-11	-14	-16
-19	-20	-19	-16	-13	-16	-20	-24	-27	-30	-32	-32	-30	-29	-27	-24	-21	-17	-14	-11
23	18	11	2	-8	-16	-20	-24	-27	-30	-32	-32	-30	-29	-27	-24	-21	-17	-14	-11
-7	-4	0	3	6	6	3	0	-2	-4	-6	-7	-9	-12	-15	-17	-16	-12	-9	-4
1	6	11	15	15	12	9	6	0	-7	-14	-22	-25	-26	-26	-26	-26	-26	-26	-26
-26	-25	-21	-17	-13	-9	-5	-1	2	7	10	10	9	9	8	7	7	6	5	4
5	5	6	7	8	9	10	10	10	8	7	5	3	1	0	-2	-3	-4	-5	-7
-8	-7	-6	-4	-3	-1	0	-1	-5	-10	-14	-18	-22	-25	-25	-25	-25	-22	-16	-11
-5	1	6	11	16	20	24	26	23	19	15	10	6	1	-4	-9	-13	-16	-17	-18
-19	-18	-18	-15	-12	-9	-7	-4	-1	2	4	6	7	8	10	11	12	14	15	16
17	18	18	17	17	17	16	16	15	15	15	14	14	13	12	10	8	7	5	3
1	-1	-5	-9	-14	-15	-12	-6	-1	4	9	15	19	23	26	27	25	23	21	20
19	21	22	24	25	27	28	29	27	24	19	15	11	7	3	-1	-5	-9	-12	-16
-20	-23	-23	-21	-18	-16	-14	-12	-9	-7	-5	-3	-2	-2	-3	-4	-5	-6	-7	-7
-7	-5	-3	-1	2	4	7	9	11	11	12	13	13	11	6	1	-4	-8	-11	-12
-13	-14	-16	-17	-17	-17	-15	-14	-13	-12	-10	-8	-4	-3	0	4	10	15	19	19
17	14	12	10	8	6	3	1	0	-2	-3	-5	-5	-4	5	10	15	19	21	21
5	5	5	4	4	3	3	3	5	8	10	12	12	12	12	12	12	12	12	12
12	12	11	7	3	-1	-5	-9	-13	-17	-21	-23	-24	-25	-26	-27	-28	-28	-27	-24

-22	-19	-16	-14	-11	-9	-6	-5	-8	-11	-16	-13	-16	-16	-10	-16	-15	-14	-13	-12	-11	-10	-9
-9	-8	-6	-5	-3	-2	0	1	25	-3	-2	0	3	3	1	0	1	1	1	0	-1	1	4
8	11	15	18	22	25	27	25	23	20	18	15	15	15	12	10	10	7	7	3	3	5	6
7	9	10	12	13	15	16	17	16	12	12	8	4	0	0	-5	-5	-9	-9	-18	-21	-20	-16
-13	-9	-6	-4	-3	-3	-2	-2	-1	0	0	0	1	3	3	5	5	6	6	8	10	9	8
7	6	6	4	1	-1	-1	-6	-9	-11	-10	-10	-1	-9	-9	-8	-7	-7	-7	-5	-4	-3	-2
-1	0	0	0	0	0	-1	-1	-1	-1	-1	-1	-1	-2	-2	-2	-3	-3	-2	-6	-8	-3	-11
-12	-14	-15	-16	-16	-15	-14	-13	-13	-12	-10	-10	-8	-6	-6	-4	-2	-2	-2	-5	-8	-7	-8
8	8	8	8	8	8	8	8	8	8	8	8	6	5	5	1	1	2	2	2	5	9	13
16	16	16	16	16	15	15	15	14	12	12	8	5	2	-2	-2	4	2	-5	-12	-14	-13	-11
-10	-8	-6	-5	-3	-1	-1	-3	-1	-1	-1	-1	-1	-1	-1	-1	-2	-5	-8	-12	-14	-13	-11

IIT287 51-002. IMPERIAL VALLEY EARTHQUAKE JAN 23, 1951 - 2317 PST EPICENTER - 33 07 00N, 115 34 0
 STATION NO. 117 EL CENTRO, IMPERIAL VALLEY IRRIGATION DISTRICT COMP UP 32 47 43N, 115 32 5
 INSTR PERIOD = 0.064 SEC DAMPING = 0.552 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

PEAK VALS ACCLN = 13.3 CM/SEC/SEC AT 0.40 SEC VELO = -1.2 CM/SEC AT 3.24 SEC DISP = 0.9 CM AT 23.16 SEC

INITIAL VELO = 0.18351 CM/SEC INITIAL DISP = -0.01587 CM

3002 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.

-118	11	37	9	-19	8	75	42	-93	-105	12	39	3	-3	43	91	66	-1	-11	62
133	79	-56	-90	-30	-40	-99	-82	-15	9	-33	-92	-102	-61	-12	40	90	78	1	-38
-6	43	49	7	-36	-36	0	35	34	-5	-24	8	41	13	-56	-77	-24	45	51	-3
-12	40	32	-66	-91	-22	17	-10	11	92	99	27	-24	-5	37	28	-38	-58	-5	11
-34	-12	53	47	-2	-41	-34	10	29	7	-1	25	37	6	-27	-8	-16	-82	-49	31
18	-25	3	54	47	15	7	21	41	47	35	-8	-77	-93	-35	60	55	-7	-5	8
-19	-74	-87	-56	-19	24	41	4	-27	-34	-39	-43	-49	-43	1	30	-9	-53	-50	-28
-12	31	70	49	6	-15	-11	-2	7	8	-8	-29	-50	-65	-59	-45	-30	-16	-14	-23
-34	-37	6	65	60	23	18	40	51	31	-4	-22	-13	5	21	38	51	45	27	13
7	15	37	46	18	-35	-60	-22	22	-4	-57	-55	-18	14	23	12	2	-8	0	35
71	61	25	7	-4	-17	-34	-35	-4	8	-32	-64	-52	-27	-3	20	39	56	75	82
54	-9	-57	-52	-27	-6	13	29	33	22	10	13	29	32	11	-17	-28	-20	-9	2
14	18	8	-9	-24	-32	-35	-37	-39	-33	-12	14	35	47	55	47	23	-5	-29	-29
-1	34	55	62	66	66	30	-33	-64	-63	-37	16	37	19	-4	-18	-7	21	12	-29
-53	-55	-49	-37	-12	22	43	39	27	17	6	-4	-7	-1	8	12	10	9	12	16
20	24	23	19	14	8	2	-6	-20	-31	-31	-29	-26	-23	-20	-19	-23	-24	-15	-4
3	3	-2	-8	-13	-12	-3	4	11	16	10	3	-4	-10	-8	-4	-1	1	4	7
10	13	14	14	15	15	14	11	10	13	18	22	14	-4	-20	-28	-33	-38	-42	-39
-30	-12	8	16	21	21	13	2	-8	-10	-4	-4	7	6	1	-5	-11	-18	-25	-31
-29	-18	-5	10	19	12	-1	-10	-16	-21	-19	-12	-4	5	6	-1	-6	-1	15	20
11	-2	-12	-15	-6	12	25	26	24	23	21	18	15	12	9	9	10	10	7	2
0	2	5	7	6	2	-1	-4	-6	-8	-9	-11	-10	-6	-3	1	5	4	1	-1
2	7	13	18	23	21	12	1	-10	-17	-16	-12	-9	-5	-4	-5	-6	-7	-8	-8
-8	-8	-8	-8	-8	-8	-7	-5	-3	2	5	3	-2	-4	2	13	23	27	25	22
18	10	1	-6	-11	-9	2	13	21	22	15	1	-12	-12	-5	4	14	11	2	-6
-9	-5	-4	-7	-9	-11	-11	-11	-12	-12	-12	-11	-9	-7	-5	-2	0	-1	-5	-9
-10	-5	3	11	19	27	31	24	11	0	-1	2	4	4	0	-4	-8	-6	5	14
14	10	7	9	11	14	14	11	7	2	0	0	3	4	0	-8	-16	-16	-8	-1
4	7	4	-1	-8	-14	-15	-10	-4	1	-1	-8	-16	-19	-15	-7	6	20	26	21
15	4	-9	-21	-27	-20	-2	15	17	11	4	0	1	2	2	-6	-20	-31	-32	-24
-15	-6	2	7	12	17	17	12	6	0	-7	-13	-17	-18	-18	-18	-15	-13	-10	-2
6	15	20	22	24	22	8	-13	-27	-26	-22	-25	-33	-42	-43	-29	-14	-7	0	5
6	3	-1	-5	-7	-10	-11	-8	0	9	16	21	26	26	22	19	16	13	7	6
8	10	9	4	-2	-12	0	12	17	19	15	8	4	6	9	12	15	16	11	0
-4	1	8	9	0	-12	-19	-14	-5	-2	-11	-22	-20	-12	-2	8	18	25	29	31
28	24	19	12	5	-2	-8	-13	-16	-13	-8	-2	3	2	-6	-15	-20	-23	-26	-25
-19	-11	-4	1	1	-2	-5	-8	-14	-20	-22	-20	-18	-15	-11	-7	-3	2	6	10
10	8	6	4	2	2	4	5	7	8	9	10	11	12	12	10	6	1	-3	-8
-12	-16	-20	-20	-14	-7	-2	-1	-4	-7	-11	-14	-17	-19	-17	-12	-5	6	13	12
7	2	-2	-7	-11	-13	-14	-14	-9	5	11	7	2	-3	-6	-7	-5	2	8	12

15	18	15	7	-1	-5	-7	-8	-7	-3	3	8	13	11	5	-2	-4	-1	3	7
8	7	6	5	4	3	1	0	1	4	6	8	6	1	-4	-9	-17	-26	-31	-33
-33	-31	-24	-12	-1	6	2	-1	9	19	24	27	25	22	13	13	5	-3	-10	-15
-17	-15	-12	-5	4	5	0	-4	-8	-12	-12	-5	4	11	13	12	10	9	7	5
5	6	7	8	9	6	2	-4	-11	-19	-25	-21	-11	-1	-13	-15	-17	31	28	24
20	19	18	17	15	14	11	9	7	4	1	-3	5	-10	-13	-7	-12	-16	-11	-4
3	8	9	3	3	3	6	9	11	13	13	10	5	1	-3	-7	-18	-19	-17	-17
-15	-12	-6	0	6	10	13	15	16	16	16	13	3	-6	-9	-6	-4	-2	0	3
3	2	0	-2	-4	-5	-7	-8	-10	-11	-13	-15	-16	-11	-2	8	15	18	17	16
14	13	11	9	7	6	7	8	9	10	10	8	1	-6	-13	-16	-13	-7	-3	-5
-11	-17	-19	-15	-8	-1	6	12	18	18	14	9	5	3	1	1	2	4	6	8
10	12	12	11	9	8	6	4	1	-1	-4	-4	-2	0	2	4	5	7	8	9
10	11	12	13	15	18	16	11	4	-1	-2	-3	-3	0	4	7	11	15	19	21
18	13	9	4	-1	-4	-6	-8	-10	-12	-12	-12	-11	-11	-10	-11	-13	-17	-21	-23
-20	-15	-10	-5	3	12	20	23	17	10	3	-5	-12	-13	-8	0	7	14	21	25
-22	-18	13	9	8	10	11	13	14	16	16	15	-14	12	10	7	2	-2	-7	-11
-12	-12	-12	-13	-16	-21	-25	-30	-33	-34	-33	-33	-30	-26	-21	-16	-12	-9	-8	-6
-4	-3	-4	-5	-5	-5	-4	-1	1	3	6	7	3	-4	-11	-15	-17	-19	-22	-22
-19	-17	-15	-16	-18	-21	-22	-20	-17	-14	-9	-4	2	9	-11	11	7	4	0	-3
-5	-7	-7	-7	-7	-5	-2	3	8	13	19	22	21	18	16	14	12	10	8	6
3	-3	-8	-14	-19	-23	-23	-22	-21	-19	-16	-13	-10	-7	-3	-1	-1	-1	-1	-1
-1	-1	-1	-2	20	15	10	5	5	7	-5	-4	-4	-3	16	16	17	16	15	14
27	32	31	26	11	13	14	15	16	15	11	12	6	1	-1	-3	-4	-6	-8	-10
13	11	11	11	12	13	14	15	16	15	11	6	3	1	-1	-5	-7	-8	-9	-11
-12	-13	-12	-11	-9	-8	0	-5	-4	-2	-1	-1	-2	-3	-3	-2	-1	0	1	2
-12	-12	-10	-7	-5	-2	0	2	3	2	1	-1	-2	-3	-3	4	3	1	-1	-2
3	2	-1	-3	-5	-8	-8	-6	-3	-1	2	3	5	6	6	-20	-18	-12	-5	0
-4	-5	-6	-8	-10	-12	-14	-15	-17	-18	-18	-19	-19	-19	-20	-3	-3	-3	-6	6
1	1	1	1	1	2	4	6	7	3	-3	-9	-12	-10	-6	-2	0	3	6	-3
1	-3	-7	-9	-8	-1	-1	3	10	18	19	11	3	0	-1	-2	-3	-4	-4	-3
-1	0	2	3	5	6	8	8	7	5	3	1	-1	-2	-1	0	2	4	6	7
8	5	1	-3	-7	-11	-13	-13	-13	-13	-13	-10	-6	-2	2	6	10	14	15	13
11	10	8	6	5	3	0	-3	-6	-7	-6	-2	2	3	3	3	3	2	0	-1
16	20	21	19	16	13	9	6	4	23	22	18	13	9	4	0	1	4	8	12
7	5	4	2	1	0	-1	-2	-4	-7	-11	-14	-17	-21	10	12	12	12	10	8
-3	1	4	7	10	12	14	14	11	9	7	6	-17	-21	-24	-24	-20	-16	-12	-7
3	-2	-8	-14	-18	-21	-23	-23	-23	-22	-22	-19	-16	-13	-10	-7	-5	-3	-1	9
4	6	8	10	13	17	21	22	18	16	16	18	20	21	22	18	12	5	-2	2
-13	-18	-22	-24	-26	-27	-26	-24	-22	-20	-18	-16	-12	-9	-5	-1	2	5	6	8
9	11	12	13	13	12	10	9	8	7	6	5	4	2	1	-3	-7	-12	-15	-15
-12	-10	-8	-5	-1	2	0	-3	-6	-8	-7	-5	-3	0	2	5	8	10	9	3
-8	-7	-6	-6	-5	-2	1	5	8	11	10	7	4	1	0	-11	-10	-10	-9	-8
0	0	0	0	0	0	0	0	-1	-3	-6	-10	-13	-16	-17	-15	-12	-9	-6	-3
0	3	6	9	12	14	15	16	17	18	20	21	22	23	24	24	23	22	21	20
19	18	17	15	14	12	11	10	8	7	5	4	3	3	3	3	3	3	2	2
2	2	2	2	1	1	1	1	1	0	0	0	-1	-1	-2	-2	-2	-3	-3	-4
-4	-5	-6	-8	-9	-10	-11	-13	-14	-15	-16	-17	-16	-14	-11	-9	-6	-4	-2	-4
-7	-9	-12	-13	-11	-9	-7	-5	-3	-1	1	3	5	2	2	-7	-11	-16	-17	-14

-11	-8	-4	-1	3	5	3	0	-3	-6	-8	-8	-7	-7	-5	-3	-10	-2	0	2
4	7	11	15	19	21	19	14	10	5	1	-1	-5	-6	-8	-3	-10	-12	-14	-16
-18	-20	-22	-23	-21	-18	-16	-13	-10	-7	-4	0	3	8	10	4	10	4	1	-3
-6	-9	-10	-8	-5	-2	1	3	3	3	3	3	3	3	3	3	4	4	4	4
4	4	5	5	5	4	2	1	0	-1	0	0	0	0	0	0	9	13	15	17
19	18	16	15	15	14	12	11	9	7	2	1	-2	-5	-7	-10	-9	-12	-13	-14
-11	-7	-4	0	3	6	9	13	17	21	23	22	19	16	14	11	8	6	3	0
-3	-5	-8	-11	-15	-20	-24	-26	-26	-26	-25	-24	-24	-24	-22	-22	-19	-12	-9	-3
4	10	13	16	19	20	19	17	15	13	10	7	4	4	4	4	-6	-10	-12	-14
-14	-13	-12	-11	-10	-9	-8	-9	-11	-13	-16	-18	-20	-22	-22	-22	-19	-11	-8	-6
-5	-4	-3	-1	0	1	2	3	4	4	5	6	7	5	2	2	0	-3	-8	-9
-8	-6	-5	-4	-3	-2	-3	-5	-6	-8	-8	-7	-7	-6	-5	-5	-4	-3	-2	-1
-1	0	1	2	2	3	4	6	8	10	12	14	15	14	13	10	7	6	5	5
4	3	2	1	0	-1	-1	0	1	1	2	3	4	3	3	3	6	4	2	1
11	10	9	8	7	6	5	1	-4	-4	-2	0	2	3	5	6	6	4	2	0
-2	-4	-6	-5	-3	-1	0	2	4	5	7	9	9	6	2	2	-2	-9	-10	-9
-7	-5	-3	-2	0	2	3	3	3	3	3	3	3	3	3	3	3	4	4	4
4	4	4	4	4	4	4	4	4	4	2	1	-1	-2	-4	-6	-8	-8	-11	-12
-3	0	2	5	5	4	3	2	1	0	-1	6	7	7	5	4	8	10	10	11
-13	-15	-15	-14	-11	-8	-6	-3	0	2	5	6	7	8	9	9	9	10	10	11
12	14	16	17	19	21	22	20	16	11	7	2	-1	-1	-1	-1	-1	0	0	0
0	2	4	5	6	5	2	-1	-3	-6	-8	-9	-9	-8	-7	-7	-6	-6	-5	-5
-4	-4	-3	-3	-3	-2	-2	-1	-1	0	0	0	0	1	2	2	4	7	8	9
10	10	10	10	10	9	9	8	7	4	2	0	0	-3	-5	-7	-7	-8	-8	-8
-8	-8	-9	-9	-9	-7	-4	-2	1	3	4	6	7	8	10	10	11	12	12	12
13	13	12	10	8	6	3	-1	-6	-10	-12	-12	-10	-9	-8	-6	-4	-4	-4	-4
1	3	5	7	10	12	12	11	9	7	5	4	2	0	0	-2	-3	4	9	11
-5	-5	-5	-5	-6	-6	-6	-6	-7	-7	-7	-6	-4	-2	-2	2	2	4	4	4
11	9	7	5	2	0	-2	-4	-5	-4	-3	-2	-1	0	0	3	3	4	4	4
3	2	2	1	1	0	-1	-1	-2	-3	-3	-3	-4	-4	-4	-5	-5	-6	-6	-6
-7	-7	-8	-8	-8	-9	-9	-9	-7	-6	-4	-3	-1	0	2	3	3	3	3	4
4	4	5	5	5	3	5	5	4	3	3	2	1	1	18	20	20	17	14	11
-4	-4	-3	-1	1	-8	-11	-13	-13	-11	-9	15	16	-6	-4	1	1	2	2	2
8	5	2	-1	-4	-8	-11	-13	-13	-11	-9	-8	-6	-2	0	-3	5	6	8	10
2	1	1	1	0	0	0	0	-1	-1	-1	-2	-2	-3	-4	-5	-5	-6	-7	-8
10	9	8	7	6	5	4	3	2	1	0	-1	-1	-1	-1	-1	-1	-1	-1	-1
-9	-10	-11	-11	-12	-13	-14	-15	-15	-15	-14	-13	-12	-11	-10	-9	-8	-7	-6	-5
-4	-4	-5	-6	-7	-8	-9	-10	-10	-11	-12	-13	-14	-15	-15	-15	-13	-9	-7	-6
-4	-2	0	2	4	6	7	7	5	4	2	1	1	-1	-3	-4	-4	-5	-5	-5
-5	-6	-6	-6	-5	-2	1	4	7	10	14	15	14	12	10	8	6	5	3	3
3	2	2	2	1	0	0	0	0	-1	-1	-1	-2	-2	-2	-3	-3	-3	-4	-4
-5	-5	-5	-6	-6	-5	-3	-18	-17	-17	-17	-16	-16	-16	-15	-14	-14	-13	-12	-11
4	2	0	-2	-6	-11	-16	-18	-17	-12	-15	-15	-14	-13	-11	-9	-7	-7	-7	-6
-10	-8	-7	-6	-5	-4	-4	-7	-9	-9	-15	-15	-14	-13	-11	-9	-7	-9	-10	-11
-4	-2	-1	1	3	4	6	8	10	11	13	15	15	13	11	9	-4	-4	-4	-4
12	13	14	14	12	9	7	5	3	1	-1	-2	-2	-3	-3	-3	-3	-4	-4	-4
-4	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5
6	9	11	13	15	16	15	14	13	11	9	7	5	4	2	2	0	-1	-2	-3
-2	-2	-2	-1	-1	0	0	0	1	1	2	3	3	3	4	4	5	5	5	4
10	11	11	12	13	14	14	13	12	11	10	9	8	7	6	5	4	3	2	1

4	4	4	4	4	4	3	2	1	-1	-2	-3	-4	-6	-7	-8	-8	-7
7	7	7	8	10	11	13	13	-8	-11	-14	-14	-12	-10	-7	-5	-3	-7
5	7	10	13	15	16	17	17	13	13	12	12	-5	12	12	11	6	3
2	1	-1	-3	-5	-7	-8	-10	-12	-12	-10	-8	-5	-3	-1	1	8	4
8	10	11	12	13	15	16	17	18	19	19	17	15	13	11	9	5	7
-6	-7	-9	-11	-13	-15	-16	-17	-16	-16	-15	-15	-15	-13	-11	-9	4	-3
3	5	7	9	11	13	14	13	13	12	11	11	10	9	8	6	2	1
-3	-5	-6	-9	-11	-13	-14	-9	-7	-10	-11	-10	-10	-10	-10	-10	0	-2
-10	-10	-11	-10	-10	-8	-8	-4	-2	-1	0	0	1	1	2	3	4	-10
6	7	8	8	9	8	7	7	6	5	5	4	2	0	-2	-4	-8	-9
-10	-10	-11	-10	-10	-8	-6	-4	-2	-1	0	0	1	1	2	3	4	6
7	7	8	8	9	8	7	7	6	5	5	4	2	0	-2	-4	-8	-9
-10	-10	-11	-10	-10	-8	-6	-4	-2	-1	0	0	1	1	2	3	4	6
4	4	4	4	4	4	3	2	1	-1	-2	-3	-4	-6	-7	-8	-8	-9
7	7	8	10	11	13	13	13	-8	-11	-14	-14	-12	-10	-7	-5	-3	-7
5	7	10	13	15	16	17	17	13	13	12	12	-5	12	12	11	6	3
2	1	-1	-3	-5	-7	-8	-10	-12	-12	-10	-8	-5	-3	-1	1	8	4
8	10	11	12	13	15	16	17	18	19	19	17	15	13	11	9	5	7
-6	-7	-9	-11	-13	-15	-16	-17	-16	-16	-15	-15	-15	-13	-11	-9	4	-3
3	5	7	9	11	13	14	13	13	12	11	11	10	9	8	6	2	1
-3	-5	-6	-9	-11	-13	-14	-9	-7	-10	-11	-10	-10	-10	-10	-10	0	-2
-10	-10	-11	-10	-10	-8	-8	-4	-2	-1	0	0	1	1	2	3	4	-10
6	7	8	8	9	8	7	7	6	5	5	4	2	0	-2	-4	-8	-9
-10	-10	-11	-10	-10	-8	-6	-4	-2	-1	0	0	1	1	2	3	4	6
7	7	8	8	9	8	7	7	6	5	5	4	2	0	-2	-4	-8	-9
-10	-10	-11	-10	-10	-8	-6	-4	-2	-1	0	0	1	1	2	3	4	6
4	4	4	4	4	4	3	2	1	-1	-2	-3	-4	-6	-7	-8	-8	-9
7	7	8	10	11	13	13	13	-8	-11	-14	-14	-12	-10	-7	-5	-3	-7
5	7	10	13	15	16	17	17	13	13	12	12	-5	12	12	11	6	3
2	1	-1	-3	-5	-7	-8	-10	-12	-12	-10	-8	-5	-3	-1	1	8	4
8	10	11	12	13	15	16	17	18	19	19	17	15	13	11	9	5	7
-6	-7	-9	-11	-13	-15	-16	-17	-16	-16	-15	-15	-15	-13	-11	-9	4	-3
3	5	7	9	11	13	14	13	13	12	11	11	10	9	8	6	2	1
-3	-5	-6	-9	-11	-13	-14	-9	-7	-10	-11	-10	-10	-10	-10	-10	0	-2

IIT288 53.001. IMPERIAL VALLEY EARTHQUAKE JUN 13, 1953 - 2017 PST
 STATION NO. 117 EL CENTRO, IMPERIAL VALLEY IRRIGATION DISTRICT
 INSTR PERIOD = 0.065 SEC DAMPING = 0.552 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

PEAK VALS ACCLN = -7.2 CM/SEC/SEC AT 26.46 SEC VELO = -1.4 CM/SEC AT 11.92 SEC DISP = 1.3 CM AT 9.96 SEC
 EPICENTER - 32 50 00N, 115 40 0
 COMP NORT 32 47 43N, 115 32 5

4299 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.

INITIAL VELO = -0.51244 CM/SEC		INITIAL DISP = 0.46441 CM																	
4299	INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC	AT EQUALLY-SPACED INTERVALS OF	0.02 SEC.																
-4	-2	0	1	3	3	1	0	-2	-4	-5	-5	-4	-3	-3	-3	-3	-3	-3	-3
-3	-2	0	1	3	4	3	2	0	-2	-4	-4	-2	0	2	6	6	6	6	6
2	1	0	-2	2	0	4	7	9	-7	8	4	0	-4	-5	-2	2	5	2	2
-13	-20	-18	-14	12	12	19	9	0	7	-7	-12	-22	-18	-6	5	11	11	4	-5
-13	-9	5	4	12	20	18	10	2	17	-6	-7	-6	1	9	16	10	-4	-18	-17
14	15	17	17	12	5	-2	-9	-15	-11	9	5	16	9	-6	-8	6	12	-3	-16
11	15	17	12	12	5	-2	-9	-15	-11	9	5	16	9	-6	-8	6	12	-3	-16
-21	-6	11	19	17	12	5	-2	-9	-11	-3	9	18	19	12	5	-3	-4	5	10
-3	0	4	1	-5	3	13	17	9	-4	-2	12	16	10	9	16	17	10	3	3
-4	-9	-7	0	5	6	3	1	-1	-4	-8	-12	-15	-13	-6	1	6	4	2	2
0	-1	1	4	-1	-11	-9	3	6	1	-7	-7	1	5	2	-2	-6	-7	-3	2
7	13	15	8	-2	-6	-3	-1	-5	-5	2	8	8	5	3	6	12	14	5	-8
-16	-10	2	8	5	1	-4	-6	-2	4	-2	-8	-9	-9	-4	1	6	7	7	4
1	-2	-3	-1	15	12	5	1	3	7	6	-2	-6	-2	5	11	12	16	12	3
-3	-1	5	11	15	12	5	1	3	7	6	-2	-6	-2	5	11	12	16	12	3
-12	-13	-12	-10	-8	-6	-4	0	7	11	6	-6	-15	-15	-10	-4	1	7	8	0
1	-1	2	7	11	11	5	-1	-5	-2	6	10	6	-3	-11	-19	-24	-27	-30	-31
-24	-17	-21	-29	-31	-22	-10	1	10	19	27	35	42	39	24	12	10	15	22	20
8	-6	-14	-10	-1	7	13	17	16	9	0	-8	-16	-20	-24	-24	-18	-10	-3	4
10	16	17	9	-1	-10	-20	-23	-17	-9	-1	7	12	7	-2	-11	-16	-13	-5	1
8	14	18	22	25	29	29	24	17	11	5	5	10	15	15	9	4	-1	-7	-11
-15	-19	-16	-16	-12	-9	-5	-1	3	6	10	14	13	3	-12	-20	-13	-9	-17	-18
-9	-6	-10	-1	-1	5	6	-2	-6	-10	-14	-12	-8	-3	1	6	7	6	5	4
2	1	-1	-1	1	5	6	3	-1	-4	-4	-4	-4	-4	-5	-5	-4	-3	-2	-1
0	1	-2	-6	-10	-9	-14	-18	-14	-10	-5	-1	0	-3	-6	-8	-11	-14	-16	-19
-21	-19	-15	-12	-9	-6	-3	-2	-1	-1	0	1	1	-1	-5	-9	-13	-14	-11	-8
-6	-3	0	1	2	2	2	3	3	2	0	-2	-4	-3	0	4	8	7	3	-2
-6	-10	-9	-9	-9	-16	-27	-33	-32	-29	-26	-23	-20	-18	-15	-13	-11	-8	-5	-2
1	4	6	5	3	1	-1	-2	-2	0	1	1	3	1	-5	-12	-20	-27	-25	-14
-4	2	7	10	7	1	-5	-11	-16	-19	-23	-26	-27	-21	-11	-2	3	3	5	6
7	8	9	10	11	13	14	15	16	17	18	20	19	17	15	12	10	7	8	13
19	25	31	36	35	29	24	18	15	16	18	20	21	15	7	-1	-8	-10	-9	-8
-7	-6	-5	-4	-3	-2	-1	0	1	2	3	4	4	4	4	8	14	19	25	30
31	28	26	23	21	18	15	9	3	-3	-9	-16	-26	-41	-56	-61	-48	-31	-14	-4
14	14	13	12	11	10	9	8	6	5	3	2	0	-1	-7	-20	-35	-50	-61	-50
-25	-8	0	6	13	19	22	24	25	27	28	28	28	28	28	28	28	28	27	27
22	15	9	2	-4	-9	-8	-5	-3	-2	-6	-10	-14	-18	-22	-21	-10	4	18	30
34	33	31	30	28	27	25	24	22	21	19	18	16	15	13	10	8	4	4	-6
-33	-40	-42	-37	-29	-21	-13	-8	-6	-5	-4	-3	-2	-2	-2	0	1	1	1	-1
-5	-7	-9	-11	-12	-12	-12	-12	-12	-11	-10	-9	-8	-9	-12	-15	-18	-18	-14	-9

-4	-1	2	4	6	7	10	10	6	0	-5	-10	-10	-9	-8	-7	-13	-5	-4	-3	-3	-6	-3
-2	-1	-1	0	5	1	8	10	1	0	-1	-4	-6	-9	-11	-13	-2	-13	-11	-11	-9	-9	-3
-6	-3	-4	-6	-7	-14	-9	-13	-14	-14	-12	-11	-10	-8	-7	-5	-5	-4	-3	-2	-2	0	0
1	7	3	4	5	-4	6	0	-4	-7	-4	1	5	9	12	19	15	19	21	19	15	15	15
20	17	12	7	7	-10	-3	5	-10	13	14	14	14	14	14	16	16	7	14	16	19	19	19
10	9	8	8	7	-8	-3	-8	-6	-7	-4	-2	-2	-4	-5	1	1	-1	-5	-5	1	-5	7
-2	1	1	-1	-3	6	6	6	-4	2	8	9	15	16	18	-7	18	16	15	13	12	-5	12
11	9	6	0	-5	-5	-9	-7	-5	-3	-1	1	3	5	7	9	9	11	12	10	8	8	8
6	4	2	0	-2	-1	-3	-1	-1	0	1	1	1	1	-4	-7	-7	-8	-7	-6	-4	-4	-4
-3	-1	0	1	-2	-5	3	4	-12	-9	-6	-13	-10	-2	6	7	0	-2	11	12	13	13	13
10	7	-12	-15	-14	-12	-6	-9	-15	-15	-16	-13	-10	-7	-3	8	0	-5	3	0	0	-3	-3
-6	-9	-5	-5	-4	-1	-3	-2	-6	0	1	1	2	-4	-5	7	-5	-4	-5	-6	-6	-6	-6
-6	-6	13	12	11	7	10	9	4	4	-7	0	-2	-4	-5	-4	-4	-3	10	12	14	14	14
14	14	13	12	11	-1	-2	-4	-5	-6	-7	-8	-9	-8	-7	-2	-6	-5	-2	-2	-1	-1	-1
0	1	1	0	-1	-3	-3	-4	-5	-6	-7	-8	-9	-8	-7	-4	-6	-5	-4	-3	-2	-2	-2
-1	0	1	2	3	4	3	5	4	6	7	-2	-4	-6	-7	-3	-3	-5	-4	-3	-2	-2	-2
-1	0	1	2	3	-17	-14	-12	-9	-6	-4	-2	-2	-5	-7	-9	-9	-8	-6	-5	-4	-3	-3
-16	-18	-20	-21	-20	-9	-9	-9	-9	-7	-3	0	3	2	-1	-5	-5	-8	-10	-10	-12	-14	-14
-1	1	1	-1	-3	-9	-5	-9	-7	-7	-3	0	3	2	-1	-5	-5	-8	-10	-10	-9	-7	-7
-6	-4	-4	-4	-2	-6	-11	-9	-6	-3	0	3	5	4	1	-2	-2	-6	-9	-9	-11	-11	-11
4	5	8	9	4	4	2	1	2	4	6	-10	-13	-14	-13	7	4	-7	-4	-4	-6	-7	-7
6	8	-52	-72	-60	-1	-7	-16	-13	-10	-10	-13	-17	-21	-18	9	-4	-4	-4	-4	-1	0	0
8	16	18	11	7	6	-3	12	19	18	-28	-45	-55	-44	-23	10	-2	-4	-4	-3	-1	0	0
-1	2	5	7	6	-11	3	-1	-2	4	12	17	15	12	9	5	4	6	14	15	8	4	3
11	12	4	-6	-11	7	-7	2	7	11	13	8	-3	-9	-4	6	6	14	15	8	3	3	3
5	11	16	15	9	23	9	20	23	18	12	7	1	-4	-8	3	-4	3	10	10	2	2	2
-7	-14	-11	-1	3	-5	-10	-11	-5	3	7	5	2	0	-3	2	-4	2	10	13	8	8	8
4	1	-1	6	13	-7	9	0	-7	-6	1	8	15	15	11	6	6	1	-4	-4	0	0	0
-1	5	1	-2	-5	3	-2	0	3	5	-9	7	2	-5	-10	2	-9	-2	4	4	3	3	3
-1	-2	1	5	8	15	13	14	15	16	15	11	6	2	-2	-2	-1	-3	4	6	6	6	6
-3	-5	4	4	3	-9	-3	-6	-1	-4	-11	-7	-3	-2	-2	5	13	9	-3	-3	-3	-3	-3
-6	-2	1	4	6	-1	4	5	-1	-4	-6	6	11	13	11	1	6	1	-3	-5	-2	-2	-2
-3	6	4	0	-4	-6	11	-1	3	6	7	5	3	3	-1	-3	-3	-6	-12	-13	-10	-10	-10
-5	0	3	1	-3	-6	-11	-12	-6	0	-6	12	10	5	-1	-1	-6	-12	-13	-4	-7	7	7
14	20	17	4	-6	-7	-8	-8	-7	-1	6	6	-1	-8	-15	-12	-17	-12	-10	-13	-16	-16	-16
-14	-6	3	11	10	0	-1	-8	0	7	14	20	17	8	-2	-14	-11	-14	-11	-9	-6	-6	-6
-3	-1	2	4	3	-11	-2	-12	-11	-8	-5	-5	-6	-8	-10	-8	-20	-23	-20	-13	8	12	12
10	5	1	-3	-7	-1	-6	-3	-1	1	1	-2	-6	-11	-15	-15	-20	-23	-20	-15	-9	-9	-9
-3	2	2	-5	-10	6	-8	-2	5	5	6	4	5	5	-1	2	-2	-3	0	3	5	5	5
-4	-2	0	0	-2	-6	-5	-6	-6	-5	-5	-5	-4	-4	-2	0	2	0	-2	-5	-6	-6	-6
-3	-3	-4	0	-2	-3	-4	-5	-3	1	0	1	1	-1	-2	2	-6	-9	-6	-5	-2	4	4
-4	2	-1	-2	5	4	8	7	4	0	-3	-7	-5	-1	-3	3	-6	-9	-6	-5	-1	11	11
10	10	9	-2	1	8	7	7	4	-1	-4	-5	-10	-6	-7	0	-8	-12	-10	-9	-5	-5	-5

II1288 53.001. IMPERIAL VALLEY EARTHQUAKE JUN 13, 1953 - 2017 PST
 STATION NO. 117 EL CENTRO, IMPERIAL VALLEY IRRIGATION DISTRICT
 INSTR PERIOD = 0.065 SEC DAMPING = 0.607 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

EPICENTER - 32 50 00N, 115 40 0
 COMP EAST 32 47 43N, 115 32 5

PEAK VALS ACLN = 35.8 CM/SEC/SEC AT 7.56 SEC VELO = -6.3 CM/SEC AT 7.28 SEC DISP = -1.5 CM AT 42.94 SEC

INITIAL VELO = -0.77683 CM/SEC INITIAL DISP = -0.16318 CM
 4303 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.

11	23	24	0	-15	2	20	0	-29	-20	8	32	32	19	13	10	6	-1	-5	7
27	28	5	-21	-34	-29	-18	-7	3	14	24	27	23	19	15	9	4	0	2	5
185	185	184	128	45	-22	-31	34	125	225	290	254	100	-122	-258	-305	118	145	173	190
-277	-160	-50	-29	-117	-216	-219	-149	-89	-53	-15	28	80	135	212	205	-333	-357	-356	-334
-10	13	82	141	108	39	25	34	15	-39	-91	-98	-61	-48	-64	-84	-85	-42	68	182
196	159	72	-60	-98	-26	44	86	92	48	-37	-107	-119	-87	-24	20	0	-4	30	14
-22	0	38	64	74	26	-44	-88	-76	-22	41	87	73	30	-13	-56	-96	-110	-79	-35
-3	23	42	96	121	53	3	-17	-32	-23	-3	17	22	9	-7	-19	-12	-1	-15	-40
-60	-72	-59	-23	16	10	-30	-28	-1	16	24	17	6	-8	-16	4	43	96	112	74
42	23	4	-22	-29	-13	-5	-40	-81	-69	-23	36	87	79	24	-27	-57	-62	-47	-29
-9	13	21	7	-7	-8	9	34	55	71	73	65	52	32	-3	-32	-23	-20	-50	-83
-74	-30	13	74	105	50	-24	-77	-115	-103	-55	-16	17	38	29	8	-5	2	24	49
76	89	64	25	-13	-36	-22	-19	-31	-11	20	35	49	39	-8	-73	-135	-156	-130	-94
-53	0	67	122	146	127	46	-102	-214	-216	-140	-27	82	148	188	204	191	151	81	9
-48	-103	-124	-61	50	151	185	129	53	-7	-55	-95	-116	-89	-44	10	69	125	142	89
34	2	-42	-89	-129	-154	-151	-130	-68	17	77	85	36	-19	-52	-44	-15	1	12	14
6	6	16	28	41	49	17	-65	-215	-331	-302	-195	-87	-89	-171	-228	-251	-250	-261	-261
-268	-242	-191	-121	-10	124	246	349	352	229	105	50	95	178	233	281	323	356	358	328
266	175	88	24	6	26	52	55	22	-28	-53	-27	14	37	14	-33	-59	-56	-41	-37
-48	-60	-72	-71	-49	-19	18	23	-34	-101	-164	-201	-186	-154	-119	-63	-5	42	42	-15
-77	-135	-164	-125	-65	-17	14	35	56	76	93	95	73	45	22	7	8	21	53	99
140	147	110	72	52	37	25	13	-2	-33	-73	-84	-68	-71	-78	-63	-34	-7	19	45
72	78	50	14	-26	-70	-96	-103	-82	-42	-6	19	21	13	6	-7	-34	-67	-83	-77
-72	-79	-90	-86	-48	1	32	45	56	68	68	45	29	25	26	38	53	77	117	155
189	199	160	103	47	-10	-41	-18	22	55	63	37	-2	-50	-84	-99	-101	-90	-83	-84
-90	-96	-99	-94	-82	-56	-15	18	37	49	54	44	29	16	2	-5	12	36	42	32
17	4	0	5	8	-2	-20	-28	-27	-26	-29	-47	-72	-92	-106	-104	-87	-58	-24	16
59	91	115	130	123	106	83	64	51	43	0	-92	-154	-170	-162	-131	-67	1	36	35
33	37	22	-4	0	33	79	127	159	169	160	145	130	109	93	86	79	67	51	35
6	-38	-88	-127	-150	-152	-132	-89	-34	9	43	35	-2	-40	-58	-33	0	19	19	-2
-29	-67	-101	-123	-129	-100	-50	3	49	70	66	52	50	74	107	148	185	162	85	0
-63	-85	-72	-57	-48	-50	-66	-85	-101	-99	-83	-66	-56	-58	-65	-54	-18	24	64	107
137	124	88	53	9	-20	-7	18	36	47	58	60	47	11	-68	-143	-178	-192	-187	-167
-146	-129	-115	-101	-79	-56	-38	-29	-22	2	38	81	144	209	246	268	261	221	168	81
-10	-74	-114	-95	-35	26	67	54	18	-17	-43	-35	-12	18	52	77	75	41	0	-37
-59	-74	-86	-79	-58	-36	-16	6	-3	-37	-52	-43	-23	1	22	8	-31	-63	-78	-61
-31	-3	19	25	15	-1	-20	-45	-58	-49	-32	-16	3	22	33	37	40	43	40	34
26	11	-10	-26	-19	4	28	50	51	28	5	-11	-26	-40	-34	-11	12	33	54	59
48	34	23	13	4	-3	8	32	57	73	63	40	20	4	8	15	-2	-29	-51	-71

-85	-82	-71	-60	-49	-41	-42	-48	-47	-30	-5	19	38	54	51	31	13	0	-10	-2
20	39	54	62	45	12	-15	-31	-43	-56	-64	-60	-51	-43	-37	-36	-41	-42	-33	-18
-4	9	20	31	38	33	25	20	24	34	44	53	65	78	91	105	119	132	125	100
73	41	10	-7	-16	-26	-36	17	-59	-70	-67	-53	-37	-23	-23	-36	-48	-61	-63	-50
-37	-31	-26	-21	-16	-9	4	-49	34	50	59	58	54	51	53	61	72	77	65	42
20	-1	-20	-31	-35	-34	-26	-22	-21	-20	-20	-21	-22	-25	-29	-31	-20	-2	10	17
24	22	16	9	0	-14	-28	-42	-53	-45	-24	-4	15	31	39	29	9	-10	-28	-38
-31	-19	-8	4	7	-5	-20	-31	-39	-47	-51	-46	-40	-34	-24	-9	-1	-9	-20	-30
-40	-48	-40	-21	-8	2	12	20	17	1	-17	-33	-44	-38	-24	-11	3	5	-5	-19
-31	-44	-36	-3	34	62	81	89	76	56	33	9	-7	-16	-15	0	14	22	29	32
20	2	-12	-24	-35	-32	-19	-7	6	15	13	4	-4	-8	1	18	31	40	44	40
32	24	16	8	-1	-9	-16	-22	-27	-25	-18	-9	-1	8	17	27	37	48	48	37
24	12	8	10	12	14	8	-5	-20	-33	-43	-50	-54	-58	-61	-66	-75	-79	-59	-25
8	41	74	83	61	38	20	8	9	12	14	16	11	-1	-12	-23	-33	-37	-38	-40
-39	-31	-21	-12	1	21	40	48	51	55	59	59	52	41	31	22	13	5	-5	-23
-49	-76	-102	-125	-129	-113	-97	-76	-46	-14	17	47	67	63	49	37	30	31	32	33
34	33	30	27	21	11	1	-10	-19	-27	-35	-40	-38	-33	-29	-25	-21	-12	9	32
53	73	91	103	101	88	66	37	14	-1	-15	-21	-20	-27	-40	-45	-44	-42	-43	-47
-54	-55	-46	-34	-20	5	4	11	18	20	19	17	13	2	-11	-23	-35	-40	-30	-11
6	20	34	49	62	73	84	90	85	81	82	73	54	34	23	19	16	12	7	2
-3	-7	-12	-17	-22	-27	-32	-35	-34	-30	-26	-21	-12	-3	6	13	15	15	15	14
12	8	3	-1	-6	-14	-21	-30	-41	-50	-47	-38	-29	-23	-18	-13	-7	-2	2	3
-3	-10	-17	-17	-7	6	17	17	8	1	9	25	43	52	44	39	44	36	22	26
17	-11	-24	-26	-23	-15	-8	-1	6	13	18	20	21	22	21	18	13	8	3	-4
-11	-18	-25	-32	-39	-42	-39	-34	-30	-26	-24	-38	-66	-83	-74	-56	-47	-49	-55	-59
-59	-57	-54	-42	-22	-2	15	28	28	19	10	3	-4	-9	9	38	52	62	72	70
52	35	39	56	74	83	63	25	-2	-25	-33	-15	7	-17	-83	-135	-101	-101	-59	-30
-2	3	-45	-85	-52	17	57	28	-21	-53	-48	13	74	83	65	72	104	129	96	35
-3	-10	7	27	45	66	64	9	-59	-47	33	74	45	-16	-85	-109	-68	-14	37	39
-7	-44	-60	-58	-32	30	106	95	11	-62	-94	-71	-29	-14	-28	-34	-28	-23	-32	-64
-93	-59	22	110	126	30	-74	-123	-125	-109	-55	43	139	145	67	-19	-77	-51	17	69
94	76	57	66	82	74	47	27	4	-44	-94	-88	-22	54	78	22	-40	-52	-24	13
43	39	12	-11	-11	5	21	37	53	55	21	-20	-27	-12	-19	-40	-35	3	9	-48
-93	-98	-86	-66	-38	-3	21	11	-21	-31	-9	14	25	25	16	-1	-31	-44	-26	10
57	94	76	22	-12	-4	16	27	36	48	64	73	62	41	22	1	-6	6	20	34
42	26	-6	-36	-66	-70	-45	-16	7	8	-8	-16	-10	0	6	0	-14	-25	-19	4
30	45	24	-17	-52	-50	-21	5	3	-21	-41	-34	-11	6	15	11	1	-4	23	71
116	137	99	38	-11	-10	20	37	48	40	21	-15	-63	-90	-94	-76	-49	-21	10	35
33	14	-4	-17	-4	23	47	36	-1	-41	-59	-30	16	49	39	3	-25	-29	-20	-12
-6	-16	-40	-43	-26	-7	2	-6	-16	-10	4	23	51	44	1	-28	-17	14	43	78
97	63	2	-49	-61	-41	-21	-20	-36	-58	-105	-164	-227	-250	-178	-47	79	110	33	-73
-163	-154	-59	83	214	269	245	188	104	18	-6	4	1	-21	-48	-58	-46	-36	-42	-53
-63	-52	-10	32	39	27	13	23	84	135	153	154	135	96	37	-18	-32	-16	-2	13
24	9	-31	-69	-106	-112	-85	-52	-22	8	9	-28	-66	-51	2	55	74	54	27	28
57	89	87	46	1	-28	-42	-53	-58	-51	-42	-33	-25	-16	-12	-11	-11	-11	-10	1
21	40	51	30	-7	-45	-64	-38	8	42	37	5	-26	-51	-51	-35	-19	-3	13	24
17	6	10	15	7	-5	-7	-2	-6	-21	-22	-6	9	13	0	-14	-29	-32	-13	12
36	58	50	12	-22	-46	-46	-22	5	26	37	45	49	46	40	29	12	10	32	58
59	25	-18	-37	-22	-46	23	39	37	24	14	13	16	14	-1	-16	-18	-15	-13	-25
-53	-72	-67	-55	-45	-34	-28	-34	-44	-55	-58	-48	-34	-20	-10	-13	-25	-37	-41	-25

1	26	50	72	88	77	45	25	16	8	2	-4	-9	-14	-16	-21	-32	-43	-44	-35
-26	-20	-20	-20	-10	7	25	38	47	56	60	48	27	15	20	30	39	44	39	29
21	12	14	24	36	41	30	11	4	16	18	-4	-32	-58	-85	-103	-96	-79	-64	-57
-54	-51	-47	-43	-38	-26	-12	2	7	-14	-43	-66	-83	-77	-53	-30	-11	7	22	33
45	56	68	79	91	92	77	59	44	16	16	13	24	37	50	61	65	66	70	75
80	81	58	22	-7	-31	-53	-72	-89	-104	-114	-124	-130	-128	-125	-118	-110	-89	-45	-6
21	35	27	11	4	16	38	59	80	96	88	61	34	7	-21	-37	-44	-49	-49	-42
-35	-29	-10	30	58	72	87	100	108	117	111	70	20	-18	-45	-56	-47	-33	-29	-34
-42	-49	-49	-42	-35	-29	-22	-15	-8	-10	-7	10	29	48	62	71	76	69	59	44
12	-26	-68	-94	-96	-82	-64	-50	-51	-63	-73	-75	-63	-39	-8	25	48	68	78	65
43	26	15	6	1	5	15	22	18	4	-9	-18	-14	-3	12	27	32	28	25	25
28	26	13	-4	-21	-38	-45	-38	-29	-19	-11	-5	-9	-30	-56	-68	-63	-54	-46	-37
-21	-2	2	-7	-16	-18	-10	2	12	23	31	27	18	10	1	-7	-6	2	10	18
24	23	19	25	45	67	87	86	65	43	22	1	-12	-11	-6	-2	-2	-4	-5	-3
2	9	11	0	-16	-28	-29	-24	-19	-19	-26	-35	-44	-53	-56	-49	-40	-31	-26	-23
-20	-17	-9	2	12	23	34	44	52	44	29	15	6	-4	-11	-7	2	9	14	17
11	-2	-15	-26	-25	-12	2	11	9	2	-1	3	10	16	23	27	24	18	12	6
2	-2	2	17	34	50	62	71	80	77	66	47	47	47	52	52	39	21	3	-16
-36	-48	-44	-36	-31	-31	-33	-33	-27	-14	-1	12	25	40	56	62	50	35	20	5
-9	-24	-38	-41	-34	-27	-20	-14	-8	-3	2	6	11	12	9	4	-1	-5	-12	-22
-33	-43	-53	-54	-43	-29	-17	-10	-8	-5	-4	-6	-10	-13	-10	0	12	23	35	46
55	51	39	28	17	6	-2	-8	-15	-21	-16	-1	13	20	24	19	8	-3	-14	-25
-29	-22	-12	-2	5	9	13	16	20	23	25	26	21	11	1	-8	-16	-19	-23	-26
-28	-25	-17	-9	-2	9	23	39	53	64	68	62	52	43	34	22	4	-14	-24	-29
-34	-39	-40	-35	-28	-21	-15	-9	-3	3	1	-12	-27	-42	-54	-62	-70	-78	-76	-60
-41	-22	-5	11	24	38	42	36	28	21	14	9	3	-3	-10	-18	-27	-28	-24	-19
-15	-11	-7	-5	-10	-17	-20	-15	-8	-2	4	11	15	11	5	2	6	12	19	26
34	34	23	10	-3	-10	-7	-2	2	5	2	-4	-9	-10	-5	1	7	14	22	23
18	16	18	22	22	13	0	-12	-25	-37	-34	-13	3	10	17	22	19	11	4	-1
-2	-1	1	1	0	-1	-3	-4	-3	0	5	12	22	33	43	39	23	5	-11	-21
-29	-34	-35	-37	-36	-33	-27	-18	-9	0	9	17	20	17	13	9	8	9	11	13
11	0	-12	-20	-24	-27	-30	-31	-29	-27	-24	-25	-28	-32	-31	-22	-10	1	10	17
24	28	27	25	24	21	17	12	8	3	-1	-5	-8	-11	-11	-6	-1	4	8	10
12	13	7	0	-4	-4	-2	-1	0	0	0	0	0	0	0	0	0	0	0	2
6	10	9	2	-4	-11	-18	-24	-26	-23	-20	-17	-14	-11	-7	-1	2	-5	-16	-26
-33	-38	-42	-39	-30	-22	-13	-7	-6	-8	-9	-8	-2	8	17	24	25	21	18	14
11	8	4	0	-1	3	6	9	12	16	19	21	22	22	23	24	24	19	9	-1
-11	-21	-24	-20	-14	-9	-4	-1	0	1	2	3	4	3	1	-2	-5	-8	-11	-15
-21	-28	-36	-38	-31	-22	-13	-5	3	11	18	24	31	34	28	19	10	3	2	3
5	4	-3	-13	-23	-30	-26	-15	-3	3	1	-4	-9	-11	-9	-7	-5	-3	-4	-8
-12	-16	-20	-23	-20	-14	-8	-2	3	9	15	22	27	28	25	20	17	12	9	6
4	2	0	-2	-2	0	2	5	-2	7	14	18	21	20	16	10	5	0	-3	-6
-7	-9	-11	-12	-13	-13	-12	-12	-12	-11	-10	-5	2	8	15	21	24	19	12	6
0	-6	-6	-2	1	5	-15	11	14	16	19	21	24	26	28	29	27	26	24	20
15	10	6	1	-3	-9	-15	-21	-28	-35	-39	-36	-29	-22	-16	-12	-13	-14	-15	-16
-17	-17	-16	-13	-11	-8	-4	1	7	12	18	23	27	25	19	14	9	3	-3	-8
-13	-16	-17	-18	-18	-15	-10	-5	-1	2	1	0	-2	-4	-5	-6	-7	-8	-9	-10
-10	-11	-11	-10	-9	-8	-7	-6	-5	-3	-2	-1	0	2	6	12	17	23	28	34
39	45	50	56	61	59	51	42	34	26	18	9	1	-8	-16	-18	-14	-9	-4	0
5	8	7	5	4	2	0	-2	-3	-3	-3	-4	-4	-4	-5	-7	-10	-13	-15	-18

-20	-18	-13	-8	-4	-3	-5	-6	-8	-10	-13	-17	-21	-23	-20	-16	-12	-9	-6	-5
-5	-4	-3	-2	-1	3	7	12	16	19	15	15	11	8	5	5	7	9	10	12
14	16	17	17	17	18	18	18	18	17	12	12	9	9	9	11	13	13	12	11
9	8	10	12	15	15	11	6	1	-4	-4	-2	0	3	5	7	9	10	10	10
10	7	1	-6	-9	-11	-9	-7	-5	-3	-3	-6	-10	-14	-18	-22	-25	-29	-32	-29
-22	-14	-7	-2	3	8	12	16	18	20	22	24	25	25	23	21	20	16	9	2
-5	-11	-16	-21	-22	-18	-15	-11	-8	-5	-2	1	4	7	8	6	3	1	2	7
13	15	12	8	4	3	7	11	15	19	22	18	10	1	-6	-13	-17	-21	-26	-28
-27	-25	-23	-20	-17	-13	-9	-5	-3	0	-4	-1	-1	-1	-2	-1	-1	-1	0	0
1	2	3	3	2	0	-2	-3	-5	-6	-3	-3	-1	0	1	1	1	3	4	0
-5	-9	-9	-7	-4	-2	-3	-7	-11	-15	-19	-23	-28	-30	-26	-21	-16	-11	-7	-2
3	7	6	1	-4	-8	-13	-16	-18	-21	-23	-24	-22	-19	-16	-13	-9	-7	-6	-7
-8	0	-4	0	0	-2	-3	-5	-7	-8	-6	-4	-4	0	1	1	1	1	0	0
0	1	2	1	-4	-7	-7	-4	-1	2	5	4	3	1	-1	-2	0	6	11	16
20	23	27	30	30	27	22	18	13	8	2	-4	-9	-13	-15	-17	-19	-21	-23	-23
-20	-17	-13	-10	-6	-1	4	8	7	5	2	0	1	3	5	8	9	5	-2	-6
-5	-2	1	4	6	8	8	8	8	8	10	14	17	19	17	14	11	10	12	16
19	23	26	25	20	16	11	7	3	0	-2	-5	-7	-9	-12	-14	-17	-20	-20	-18
-16	-13	-12	-12	-13	-15	-15	-14	-9	-5	-1	2	3	3	2	2	2	1	1	1
2	3	5	6	7	9	12	16	19	18	13	8	3	-1	-4	-7	-10	-14	-16	-17
-18	-16	-9	-2	5	11	14	18	19	16	10	6	5	7	9	12	12	8	4	-1
-5	-8	-9	-8	-7	-7	-7	-8	-9	-7	-4	0	3	4	5	6	8	9	10	10
8	7	5	4	2	1	0	0	-1	-1	-2	-2	2	6	10	14	13	11	8	6
4	1	-1	-3	-5	-7	-9	-11	-13	-15	-16	-18	-20	-21	-23	-23	-22	11	-21	-20
-18	-16	-14	-12	-10	-8	-6	-3	-1	1	4	6	8	11	14	17	17	12	6	-1
-7	-12	-14	-17	-19	-21	-22	-20	-17	-13	-10	-6	-2	2	6	11	14	14	10	7
4	1	-1	-2	-2	-1	-1	-1	-1	-2	-4	-6	-7	-9	-10	-10	-9	-8	-7	-6
-5	-4	-3	-3	-2	-2	-1	-1	0	1	2	3	4	3	3	3	3	2	2	2
5	9	12	13	10	6	3	0	-4	-7	-9	-7	-4	-2	1	3	6	8	10	12
13	15	17	16	15	14	12	11	10	8	6	3	1	-1	-3	-5	-7	-6	-4	-3
-1	0	2	3	3	3	3	3	3	2	-1	-3	-5	-8	-10	-13	-17	-20	-23	-27
-30	-29	-25	-22	-19	-15	-10	-5	1	6	9	9	10	11	11	12	12	13	12	10
6	2	-1	-5	-7	-7	-7	-7	-7	-7	-5	-3	0	2	5	7	10	12	15	17
19	21	22	20	17	15	12	10	9	10	12	14	16	17	19	20	18	15	13	11
9	7	7	6	5	4	4	3	2	-1	-3	-5	-7	-10	-11	-10	-9	-7	-6	-4
-3	-1	0	1	1	1	1	1	1	1	1	1	0	-1	-2	-3	-4	-5	-6	-7
-7	-8	-8	-9	-9	-10	-10	-10	-11	-11	-11	-10	-9	-7	-6	-4	-3	-1	1	2
4	6	8	10	11	12	13	14	16	17	18	19	20	20	18	17	15	14	12	12
15	18	22	25	27	27	24	22	20	18	16	14	12	10	7	4	1	-2	-5	-8
-11	-14	-17	-18	-17	-15	-14	-13	-12	-10	-9	-8	-7	-5	-2	1	4	7	9	12
15	14	12	10	7	5	3	1	-2	-4	-5	-2	1	4	7	10	13	16	19	22
22	19	16	14	11	8	5	2	-1	-2	-3	-5	-6	-11	-8	-10	-11	-12	-13	-14
-15	-16	-16	-17	-17	-18	-18	-18	-17	-16	-14	-13	-12	-11	-11	-10	-10	-10	-10	-10
-9	-9	-9	-9	-9	-9	-9	-10	-10	-8	-4	1	6	10	14	16	19	22	24	27
28	26	23	21	18	16	13	11	8	6	4	2	0	-2	-4	-5	-7	-9	-12	-15
-18	-20	-23	-26	-27	-25	-23	-20	-18	-15	-13	-11	-9	-8	-8	-7	-7	-7	-6	-6
-6	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-4	-2	0	1	3	5	6	8	10
11	12	11	11	10	9	8	7	6	5	4	2	1	0	-3	-5	-8	-10	-13	-16
-18	-19	-17	-14	-12	-10	-7	-5	-2	0	2	4	5	6	8	9	10	11	12	12
12	12	12	12	12	12	12	11	9	7	5	4	4	2	-1	-2	-2	-2	-2	-2

[illegible]

IIT288 53.001. IMPERIAL VALLEY EARTHQUAKE JUN 13, 1953 - 2017 PST
 STATION NO. 117 EL CENTRO, IMPERIAL VALLEY IRRIGATION DISTRICT
 INSTR PERIOD = 0.064 SEC DAMPING = 0.574 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

EPICENTER - 32 50 00N, 115 40 0
 COMP UP 32 47 43N, 115 32 5

PEAK VALS ACCLN = -16.9 CM/SEC/SEC AT 0.92 SEC VELO = -0.9 CM/SEC AT 25.62 SEC DISP = -1.0 CM AT 62.16 SEC

INITIAL VELO = 0.10027 CM/SEC INITIAL DISP = 0.32529 CM

4304 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.

-91	-162	23	122	78	50	39	11	-50	-42	-59	-122	-94	-21	47	64	55	33	-12	-79
-107	-42	13	43	89	90	22	-106	-93	24	-8	-57	-41	-41	-24	50	65	-22	-66	-17
48	83	95	122	40	-141	-169	-52	12	-6	26	47	-42	-37	58	54	19	7	-15	-68
-92	-24	23	-21	-35	25	32	-26	7	86	55	-23	-31	-19	-32	-13	-13	-23	12	59
93	86	47	0	-34	-23	-34	-44	-1	60	66	17	-26	-31	18	12	-53	-55	-33	-16
32	68	54	49	63	21	-34	-56	-52	-23	-13	-65	-60	51	83	53	31	-22	-29	11
-11	-74	-76	-10	47	41	7	-8	-7	6	33	50	31	0	-27	-37	-3	45	27	-19
-11	-9	-18	12	28	-3	-54	-49	42	99	45	-38	-42	49	84	7	-39	-5	7	-37
-33	-7	-36	-36	33	68	13	-45	-32	14	59	77	49	29	54	52	11	-3	0	-21
-30	-18	-42	-84	-44	77	134	44	-52	-24	48	44	-22	-82	-83	-38	14	49	19	-48
-61	27	91	31	-52	-27	34	9	8	79	84	22	10	39	27	-10	-9	9	-16	-73
-89	-39	29	82	66	-5	-66	-61	-6	46	51	-3	-53	-47	-48	-75	-25	65	65	-1
-22	-24	-17	10	-7	-26	23	50	21	-14	-26	-8	-8	-24	0	39	34	5	-13	-8
5	-1	-18	-13	25	51	34	8	17	31	12	-23	-49	-38	-4	24	7	-32	-18	30
49	14	-35	-31	-12	-35	-36	-4	19	8	-6	4	18	-6	-68	-68	-5	19	-14	-29
10	38	-1	-45	-11	50	58	33	10	-14	-36	-30	7	27	16	-1	0	26	34	-10
-44	-22	-4	-16	-11	15	4	-27	-22	2	21	13	-13	-23	28	82	57	3	8	34
13	-23	-10	15	-7	-33	-10	16	3	-23	-30	-9	-4	-23	-28	9	62	69	39	8
-16	2	36	20	-19	-6	45	42	-28	-80	-60	-25	-26	-42	-32	20	57	29	-22	-20
4	-5	-23	-35	-25	4	16	3	5	34	22	0	20	31	13	-13	-42	-55	-13	35
25	-13	-35	-17	25	52	37	-8	-31	-23	-36	-38	-12	16	27	9	-15	-39	-43	-3
31	7	-25	-14	19	29	15	-2	-18	-33	-46	-55	-47	-26	-7	10	24	27	17	6
-9	-15	6	34	30	-3	-24	-17	-2	12	23	31	35	29	19	10	1	-7	-14	-22
-23	-9	12	20	6	-14	-31	-29	-11	7	18	29	32	19	2	-9	-17	-26	-41	-46
-31	-12	2	12	21	32	51	45	10	-17	-33	-42	-33	-14	4	19	21	9	-6	-20
-34	-36	-18	5	22	17	-7	-26	-26	-17	-11	-11	-15	-10	4	21	26	16	4	-8
-1	33	48	26	2	4	17	11	1	10	9	-12	-11	-1	-12	-19	0	1	-6	8
-4	-15	8	17	-7	-17	-5	-6	-17	-16	-1	18	18	4	10	23	11	2	9	0
-22	-32	-30	-27	-24	-21	-17	-5	14	24	13	-6	4	22	9	-2	11	18	15	8
31	36	-27	-36	8	14	-10	-17	2	12	-3	-1	25	27	10	-7	-21	-31	-42	-39
-14	6	-3	-19	-14	3	6	-5	-17	-24	-17	-5	-1	-12	-23	-16	3	9	1	5
25	40	34	13	8	16	12	0	0	19	22	-8	-22	-17	-20	-14	3	15	10	-3
-16	-14	-5	-11	-24	-27	-12	2	-4	-22	-35	-28	-8	-2	-14	-21	-5	17	18	24
30	15	-2	-10	-12	-14	-9	4	19	34	49	52	41	28	15	2	-11	-20	-7	19
37	47	39	19	3	-4	-9	-14	-19	-22	-12	11	-2	-28	-8	14	1	-25	-38	-24
-29	-39	-9	26	33	20	19	32	36	22	4	-15	-21	2	29	31	16	1	-9	10
53	77	34	-12	13	18	-31	-52	-21	11	-8	-37	-4	26	4	-30	-26	7	-10	-35
-18	4	14	10	-1	-17	-35	-54	-70	-57	-14	7	2	11	35	46	40	31	23	15
7	-2	-2	17	39	40	30	17	-1	-20	-20	-12	-14	-18	-9	3	-3	-9	-7	-3
-5	-12	-19	-25	-24	-17	-8	2	12	23	29	21	12	18	23	13	7	14	10	0

-8	-13	-15	-2	11	7	9	14	8	0	-8	-16	-23	-16	-11	-19	-12	-9	-20	-13
-4	-6	-9	0	2	-19	-22	1	-8	-27	-16	1	13	11	1	-5	1	9	6	-5
3	18	8	0	10	1	-16	-9	-10	-11	-4	-13	-20	-7	4	2	16	30	14	-13
-6	-4	13	24	-17	-6	22	32	19	18	23	6	-12	-9	-5	-14	-25	-21	-8	-8
-13	-4	4	8	20	12	4	-6	-20	-19	-5	-11	-11	-4	4	-1	11	2	11	2
-6	-2	4	8	5	-1	-6	-6	1	8	14	17	16	15	14	12	11	12	17	20
12	-3	-18	-15	-2	-6	-2	13	11	4	11	19	20	15	10	6	0	-8	-11	1
2	-11	-11	-1	8	7	-1	-10	-18	-26	-23	-13	-2	3	5	6	8	10	11	16
26	34	31	21	10	0	-9	-19	-22	-7	-14	-14	-11	-3	-7	-16	-10	-5	-8	-2
14	24	18	6	1	12	18	3	-11	-1	12	3	-11	-16	-12	-7	-2	2	5	7
4	-2	0	0	-7	-5	5	15	23	22	13	6	1	-3	-8	-6	8	8	-4	-2
-6	-18	-6	0	7	-1	11	12	7	5	12	-7	-2	13	-11	0	-12	-24	-21	-8
0	5	10	15	17	12	6	0	0	4	-2	-7	-2	-3	-11	-7	7	7	5	11
9	4	-1	-6	-10	-15	-19	-18	-8	2	0	-1	5	-4	-18	-14	-9	-13	-11	0
11	20	17	4	-5	-2	0	-8	-16	-21	-25	-15	-8	-17	-15	-5	10	-10	-14	-7
5	14	12	5	19	33	28	18	21	26	17	24	27	5	5	17	10	1	4	0
-12	5	7	-17	-17	-5	-14	-50	-82	-48	44	88	18	-13	33	33	19	5	-33	-7
57	4	-66	-32	-7	-40	-39	-22	-44	-36	-13	-30	-29	14	38	-26	-70	20	51	27
24	-18	-23	21	19	0	24	19	-10	15	27	-11	-7	28	19	-8	-6	4	-9	-16
23	48	15	-7	21	24	-12	-8	8	-10	-2	40	33	-25	-47	-13	7	-18	-34	3
20	-26	-53	-39	-20	-3	18	24	0	-19	-28	-37	-34	-17	0	-5	-32	-36	-32	-32
-14	16	44	16	-23	4	34	3	-10	11	6	-1	10	-12	-42	6	52	24	-4	-16
-39	-63	-46	21	75	54	-21	-48	1	19	-15	17	83	53	-36	-79	-38	45	65	-11
-35	-18	-47	-44	-10	-24	-38	1	25	-17	-44	48	-7	-48	-8	41	-19	-33	10	-5
-39	-22	27	39	27	-24	-8	48	36	32	59	48	-17	-22	36	70	51	12	-23	-39
-22	-1	16	31	9	-25	-6	14	-17	-34	-6	14	7	-8	4	16	-19	-47	-3	62
49	-26	-51	-13	-1	-23	-9	30	30	-3	7	20	-28	-58	-2	65	67	21	1	8
-4	4	35	24	-20	-37	-17	-15	-32	-9	20	10	-8	-25	-43	-46	7	23	-1	-38
-37	0	44	72	44	-13	-48	-31	20	38	19	-5	-27	-30	-10	-12	18	-1	-28	-43
-21	12	28	45	40	-2	-24	-5	0	1	18	13	17	20	-15	-10	39	50	19	13
-11	-53	-24	17	10	-14	-37	-56	-45	-1	28	7	-34	-33	-18	-26	-3	45	40	-3
-13	-10	-3	24	44	36	19	4	-12	-26	-21	3	15	6	-8	-18	-10	11	9	-10
-23	8	57	56	23	-3	0	14	4	-5	9	13	1	4	9	-3	-23	-34	-18	8
12	-2	-10	-6	1	9	26	38	29	7	-4	0	-9	-17	5	27	18	-9	-20	-6
9	9	3	-3	-8	-14	-14	-1	13	6	-16	-17	9	17	-9	-28	-22	-23	-25	-14
-7	-9	-13	-3	4	-5	2	23	26	10	0	10	17	3	-6	9	14	2	6	26
30	8	-8	-5	4	13	21	19	6	-3	7	23	19	0	-4	20	34	20	-2	-10
-5	-9	-15	-6	0	-8	-20	-20	-9	3	7	-1	-12	-28	-32	-5	27	26	9	0
-4	6	39	54	10	-32	-30	-17	-10	-14	-25	-24	3	36	41	24	6	-4	17	41
31	23	44	44	8	-3	5	-8	-8	5	2	-13	-25	-34	-42	-51	-59	-55	-34	-9
5	-5	-23	-39	-45	-31	-12	6	23	26	12	10	20	19	16	27	38	30	12	-2
-9	1	3	-6	-3	-9	-28	-33	-17	-9	-19	-29	-24	-5	15	34	35	19	12	19
14	11	24	24	18	25	21	4	4	-4	-29	-31	-11	-3	-15	-17	-14	-22	-33	-42
-38	-25	-12	0	0	-13	-22	-4	28	26	-3	-10	3	0	-15	-20	-13	-5	3	8
-15	-19	-19	-2	9	2	-9	-10	7	28	29	10	-10	-13	2	8	2	4	8	-6
-17	-3	4	-16	-25	-9	7	7	-4	-16	-22	-14	1	15	26	17	2	11	32	39
30	19	8	-3	-13	-8	13	33	35	21	6	-8	-9	3	14	14	6	-1	-1	-8
2	7	-3	-16	-24	-14	4	10	1	4	24	19	-1	-1	1	-9	-16	-6	15	21
11	-2	-9	-3	11	22	21	8	-6	-17	-20	-21	-22	-24	-25	-15	-9	-19	-17	-7
-14	-4	6	-4	0	17	26	24	19	13	11	21	35	34	20	7	-8	-13	1	4

-4	-5	4	4	-5	-6	-1	3	1	-3	5	15	12	6	1	-5	-11	-17	-14	3
16	12	2	-6	-12	-16	-19	-14	4	15	12	7	3	3	5	8	8	3	-3	-8
-6	-1	3	0	-5	-9	-15	-15	0	10	-8	-22	-13	-18	-27	-22	-15	-9	-4	-10
-24	-29	-22	-12	-2	6	7	0	7	25	20	7	12	14	8	1	-4	-27	21	12
1	-7	-5	5	12	-1	-13	2	6	-13	-13	0	0	-7	-14	-22	-28	-27	-19	-11
-3	2	0	-3	1	10	20	26	20	21	32	26	14	21	26	14	9	15	21	17
10	2	-4	-4	-1	2	3	2	0	-6	-11	-8	0	7	15	21	28	27	19	16
15	14	13	12	7	-2	-13	-23	-30	-24	-19	-29	-39	-41	-34	-25	-16	-8	-2	-4
-11	-14	-5	0	-9	-18	-16	-23	-3	3	10	16	16	12	7	6	10	5	-6	-6
1	-7	-17	-12	-7	-18	-27	-16	-3	-1	-4	-7	-10	-13	-16	-16	-5	-2	-16	-19
-7	-6	-16	-14	-5	3	8	3	-5	-9	-4	4	11	15	11	5	2	4	9	13
14	6	-7	-18	-15	-6	-2	-5	-8	-12	-16	-16	-5	6	-2	-2	10	-1	-18	-16
-8	-1	4	2	-6	0	10	2	1	11	10	2	3	11	18	26	33	34	28	20
12	4	-2	-7	-10	-4	-1	-15	-18	-13	-21	-21	-10	0	9	16	17	12	12	22
15	-8	0	0	-6	-13	-2	0	-11	-15	-5	4	3	-2	-5	1	13	12	5	14
25	21	14	16	23	30	36	35	27	20	12	5	-2	-6	-10	-3	13	12	-1	-10
-15	-17	-19	-19	-17	-14	-11	-6	5	15	11	0	-10	-6	-1	-8	-6	3	4	-1
-7	-7	0	4	-3	-5	9	-6	-4	5	8	-1	3	19	27	21	9	3	5	10
9	5	7	12	5	-2	4	6	-3	-1	9	6	-7	-18	-22	-23	-25	-21	-9	4
2	-5	1	12	4	-5	1	7	2	-5	-11	-18	-25	-27	-24	-18	-13	-8	-3	2
6	0	-14	-16	-10	-4	0	3	6	8	7	-1	4	10	0	-3	8	9	-6	-14
-10	-4	2	4	3	2	0	-1	-2	1	5	8	6	17	-3	-8	-13	-17	-13	-3
7	18	27	27	16	13	16	10	4	16	28	17	11	17	14	10	11	14	16	13
5	-5	-11	-15	-17	-11	0	9	10	6	3	4	9	14	15	10	1	-6	-6	-7
-15	-12	-4	-11	-19	-22	-24	-25	-23	-19	-17	-18	-23	-24	-10	4	12	20	28	29
23	26	29	19	6	-3	-8	-13	-16	-10	-3	-6	-8	6	18	14	7	2	3	5
-6	-18	-9	-4	-12	-17	-11	-1	4	-13	-10	3	4	-5	3	11	4	-3	-1	4
6	2	-3	2	7	1	-5	1	4	-7	-13	-5	6	5	-6	-12	-2	5	-1	-9
-14	-6	-5	-15	-14	-4	-8	-17	-18	-14	-10	-6	-2	1	1	-5	-9	-5	-2	-7
-16	-10	3	1	0	9	10	-17	-4	-7	0	7	-1	-5	4	1	-6	2	6	0
5	15	13	8	3	-1	-5	-7	-5	-1	2	-1	-5	1	12	7	-8	-15	-11	-5
1	6	6	1	-4	-4	4	2	-6	-7	-1	5	10	11	7	2	-3	-6	-2	6
5	-3	-2	5	1	-6	-1	6	-1	-6	0	1	-5	-8	-5	0	5	9	8	0
-1	4	1	4	6	-1	1	12	20	20	18	17	14	8	0	-6	2	13	5	-3
6	15	9	0	9	15	8	0	-6	11	17	-2	-10	-12	-9	-3	-1	4	-10	-12
-7	-1	6	12	12	9	6	3	6	11	17	10	0	7	9	3	-2	-7	-10	-11
-12	-13	-14	-18	-23	-16	-6	-12	-18	-8	-3	-10	-3	6	4	1	-2	-1	5	2
3	18	19	8	5	10	9	2	-2	5	9	3	-5	-5	3	10	9	0	-2	9
11	6	15	14	2	1	9	18	22	21	19	17	15	7	-5	-6	-9	10	-1	6
16	5	0	12	18	12	3	-6	-13	-10	0	0	-13	-8	-2	-12	-10	-3	-7	-14
-17	-15	-11	-7	-4	0	0	-7	-10	-2	7	0	-10	1	10	-4	-8	0	-1	-11
-19	-23	-23	-15	-16	-20	-7	0	-5	-1	4	-10	-12	4	12	10	8	5	7	12
13	8	11	19	13	8	15	19	11	-1	-5	1	7	4	-6	-10	-4	-5	-12	-10
-5	-10	-12	-1	10	0	-4	5	14	16	12	8	4	2	-1	-1	2	4	2	-2
0	0	-13	-18	-10	-10	-11	-9	-12	-9	-8	-14	-11	-7	-14	-23	-17	-1	0	-6
-7	-7	-7	-7	-6	-1	6	12	2	1	4	-1	13	27	25	8	0	13	20	14
7	4	10	19	12	-4	-4	6	2	1	8	-1	-11	-3	7	3	7	18	14	4
-2	3	15	17	2	-11	-7	2	2	-3	-4	-5	-6	-5	-3	-1	0	-4	-5	1
1	-7	-5	-5	-5	-8	2	5	-5	-12	-8	0	6	6	2	-2	-7	-11	-14	-9
-5	-1	0	1	1	1	1	0	-1	-2	-3	-4	1	7	2	-4	1	0	-9	-11

-8	-4	-1	3	3	0	-3	-4	3	11	8	0	-2	8	9	1	2	10	16	17
16	17	16	7	7	14	19	11	12	23	21	12	2	21	-6	-7	-8	-10	-11	-12
-13	-24	-19	-18	-18	-17	-5	-11	-17	-6	-10	-21	-9	-7	-2	-11	-11	-16	-17	-14
-2	-9	-15	-11	-11	-4	-2	-1	2	3	-1	-6	-1	-1	-18	-13	6	2	1	9
13	7	3	4	5	2	-3	-6	2	5	-5	-6	3	-1	-3	0	3	-3	-8	-7
-4	-2	-3	-1	-1	7	3	-7	-6	6	4	-5	1	4	6	-1	3	1	-3	-10
-15	-5	2	-4	-2	12	9	-2	0	5	-1	-7	-4	-1	6	5	-4	-3	6	5
1	5	4	-2	7	14	11	5	2	6	4	5	4	4	3	7	5	0	4	8
1	-8	-12	-11	-11	-11	-12	-15	-19	-22	-23	-14	-2	-23	-19	-14	-4	-3	-10	-11
0	7	0	-1	8	8	-2	0	11	10	-2	-3	5	-2	-6	1	9	8	2	-2
1	5	3	-1	-1	8	3	-1	9	11	5	6	13	8	8	6	10	10	1	-3
2	4	-2	-7	0	9	6	-2	1	9	11	9	15	14	11	14	11	11	15	7
1	9	14	4	-4	-1	2	-1	-7	-11	-14	-12	-4	-7	-13	-7	-6	-15	-15	-8
-13	-11	1	3	-1	-3	-3	-3	-3	-4	-8	-8	0	-8	-3	13	20	13	5	3
8	15	19	22	25	25	18	12	19	21	12	12	18	12	9	11	15	9	3	7
14	17	16	14	14	11	7	7	13	14	8	2	-3	-7	-10	-13	-8	5	3	-1
-4	-2	-5	-9	2	0	-16	-20	-16	-12	-8	-4	0	-8	-9	-9	-1	5	2	-6
2	11	6	0	0	1	-1	-7	-12	-8	0	-4	-14	-2	-7	-14	-8	7	2	-2
8	9	0	-1	4	6	2	-6	-6	8	13	4	1	13	7	-4	-8	-3	0	3
4	6	4	-1	-5	-4	3	1	-8	-7	4	6	-3	-3	7	6	2	-1	-3	-5
-7	-6	3	10	-2	-8	9	13	0	6	19	16	9	16	6	3	-7	-14	-8	1
-6	-13	-7	4	8	5	3	9	11	8	5	6	6	6	-4	8	3	-12	-9	5
1	-12	-15	-11	-8	-4	-1	-8	12	15	6	10	14	10	9	0	12	9	3	5
9	9	7	5	3	1	-2	-8	-3	8	7	-3	-4	-3	14	9	4	2	2	2
1	-1	-3	-6	-7	-2	3	-1	-6	0	5	-3	-8	0	4	1	7	9	3	6
8	1	3	6	-1	-6	2	7	4	0	-1	-2	-3	-1	-5	-6	-5	-4	-3	-2
-6	-11	-13	-8	-10	-12	-5	1	-3	-8	-10	-12	-13	-15	-15	-8	-5	-11	-7	-3
-9	-7	-8	-11	-9	-5	-2	-2	-3	-6	-9	-8	2	-9	-15	-4	0	-5	-15	-14
-9	-7	-8	-11	-9	-5	-5	-9	-7	2	0	-9	-4	0	0	-12	-9	-2	2	3
3	3	2	-3	-4	3	9	2	1	11	13	4	-2	-3	-3	-4	-4	-4	-5	-7
-11	-12	-5	-14	-14	-13	-2	-2	-8	-11	-11	-9	-8	-11	-6	-8	-12	-15	-9	0
-5	-13	-10	-6	-6	10	-15	-11	-7	-2	2	7	12	4	6	4	12	7	3	11
13	6	1	5	11	12	9	7	5	0	-7	-6	4	-1	-2	-1	7	4	-6	-10
-6	-2	-2	-9	-7	12	2	-14	-13	-1	13	-15	-20	-16	-9	-4	-3	0	4	5
-2	-4	-6	1	-10	4	2	-1	-5	-7	-5	-7	-6	-6	-6	-7	-9	-6	5	1
-6	0	6	-9	-7	-3	3	4	5	5	6	7	5	-1	-3	5	11	3	7	8
-2	0	10	10	4	3	7	8	9	9	10	11	11	6	-3	-4	1	7	-3	5
7	-3	-5	-2	1	4	4	-5	9	12	9	11	-1	11	19	-4	12	12	4	0
-4	-8	-10	-10	-10	-9	-9	-5	4	4	9	-1	-1	6	1	15	12	13	13	14
14	13	11	9	9	19	28	21	11	11	13	10	7	4	2	3	4	5	6	4
-2	-3	5	1	-10	-3	4	2	-2	-6	-8	-9	-11	-13	-14	-15	-11	-4	-1	-7
-7	6	10	3	-2	-1	1	3	5	5	3	1	-1	-2	4	8	1	-4	0	1
-4	-5	-1	2	4	3	2	1	-3	-11	-12	-3	1	-7	-9	-1	-3	3	2	2
1	0	-2	-3	-5	-6	-3	5	9	0	-7	4	9	0	-6	-6	-7	0	4	7
5	3	-4	-3	-5	-2	-4	-8	4	-7	-2	-2	11	6	1	-3	-7	7	-12	-9
3	3	-4	2	2	1	-5	-4	-5	-6	-6	-4	-2	-1	-4	-4	5	7	0	2
9	10	7	3	0	-1	-2	-4	-5	-6	-8	-9	-8	-2	-1	-6	0	8	8	6
5	4	3	2	0	3	3	-4	3	1	-2	-2	-7	-1	-7	-13	-3	-10	-7	-5
-3	-2	0	-4	-14	3	5	-3	-9	-6	1	-5	6	-2	-7	7	7	8	8	8

3	-6	-4	6	5	0	3	7	0	3	7	1	1	0	-4	0	-4	3	3	7	1	-5	-7	-8	-7	-3	-7	-7	-1
-13	-12	-10	-7	-5	-2	-1	-5	-7	-6	4	-1	-1	-1	-9	-7	-9	-1	-2	-4	-3	-2	-8	6	13	5	-7	-15	-16
10	8	10	5	4	2	2	7	8	15	12	12	12	12	2	2	2	2	5	5	5	5	5	7	7	7	7	7	15
3	0	5	1	7	3	6	4	4	6	6	6	6	6	4	0	0	0	0	0	0	0	0	2	2	2	2	2	0
-2	-3	7	13	-1	3	-2	4	7	-2	4	-2	-2	-2	-3	-6	-8	-8	-8	-8	-8	-8	-11	-11	-11	-11	-11	-11	11
5	-6	-4	-3	-1	-2	-1	-5	-10	11	13	13	13	13	3	1	1	1	1	1	1	1	6	6	6	6	6	6	10
-8	-6	10	5	2	7	7	13	12	-1	-5	-1	-1	-1	-7	-7	-7	-7	-7	-7	-7	-9	-9	-9	-9	-9	-9	-9	6
10	11	10	5	-2	0	2	-7	7	-6	-3	-3	-3	-3	4	9	9	9	9	9	9	9	12	12	12	12	12	12	6
3	-1	-6	-7	0	-5	4	-5	3	8	5	5	5	5	2	2	2	2	2	2	2	-7	-5	-5	-5	-5	-5	-5	-6
-1	6	5	-5	-5	-5	4	-1	3	-1	-1	-1	-1	-1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	1
-4	-14	-12	-12	-11	-11	-9	-9	-9	-5	-2	-2	-2	-2	-4	-4	-4	-4	-4	-4	-4	-10	-12	-12	-12	-12	-12	-12	-1
10	9	8	7	3	3	3	3	3	11	11	11	11	11	1	1	1	1	1	1	1	-10	-12	-12	-12	-12	-12	-12	11
-4	-3	1	5	5	1	1	1	1	-11	-12	-12	-12	-12	3	3	3	3	3	3	3	-2	-3	-3	-3	-3	-3	-3	11
4	6	6	4	4	4	6	6	6	12	13	13	13	13	3	3	3	3	3	3	3	-9	-8	-8	-8	-8	-8	-8	11
1	1	1	1	1	1	1	1	1	12	13	13	13	13	2	2	2	2	2	2	2	-1	-1	-1	-1	-1	-1	-1	1
0	0	1	3	0	0	4	4	4	2	0	0	0	0	3	3	3	3	3	3	3	-12	-12	-12	-12	-12	-12	-12	2
-2	-12	-13	-8	-2	-2	-6	-6	-6	-10	-13	-13	-13	-13	0	0	0	0	0	0	0	-12	-16	-16	-16	-16	-16	-16	3
-10	-12	-13	-8	-2	-2	-6	-6	-6	-10	-13	-13	-13	-13	1	1	1	1	1	1	1	-4	-4	-4	-4	-4	-4	-4	3
-1	-2	-2	-2	-4	-4	-7	-7	-7	-14	-14	-14	-14	-14	-2	-2	-2	-2	-2	-2	-2	0	0	0	0	0	0	0	0
-9	-2	4	3	1	1	1	1	1	1	5	5	5	5	-9	-9	-9	-9	-9	-9	-9	13	13	13	13	13	13	13	11
1	7	11	11	8	8	8	8	8	3	0	0	0	0	1	1	1	1	1	1	1	5	5	5	5	5	5	5	3
-4	-3	-3	-6	-14	-14	-14	-14	-14	-13	-13	-13	-13	-13	-4	-4	-4	-4	-4	-4	-4	-2	-2	-2	-2	-2	-2	-2	-4
-8	-12	-15	-12	-12	-12	-12	-12	-12	-10	-10	-10	-10	-10	9	9	9	9	9	9	9	-9	-9	-9	-9	-9	-9	-9	-1
7	6	6	5	5	5	5	5	5	6	6	6	6	6	1	1	1	1	1	1	1	8	8	8	8	8	8	8	7

111289 54.005.

STATION NO. 117

INSTR PERIOD = 0.066 SEC

LOWER CALIFORNIA EARTHQUAKE

EL CENTRO, IMPERIAL VALLEY

DAMPING = 0.574

NOV 12, 1954 - 0427 PST

IRRIGATION DISTRICT

ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

EPICENTER - 31 30 00N, 116 00 0

COMP NORT 32 47 43N, 115 32 5

DISP = -1.0 CM AT 29.46 SEC

PEAK VALS

ACLN = -24.2 CM/SEC/SEC AT 17.84 SEC

VELO = 3.8 CM/SEC AT 17.68 SEC

DISP = -1.0 CM AT 29.46 SEC

INITIAL VELO = 0.13985 CM/SEC

INITIAL DISP = -0.07058 CM

3888 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.

2	-11	-16	-6	7	7	-2	-8	-11	-10	-1	8	14	9	-4	-14	-13	-6	4	9
-1	-13	-19	-15	-3	7	16	19	14	3	-10	-11	3	13	5	-6	-2	3	-1	-6
-3	-7	-16	-15	-8	0	4	0	-3	4	6	-1	-7	-4	7	17	17	11	7	8
16	26	25	13	3	-5	-13	-23	-34	-32	-15	-6	-14	-27	-23	-5	9	19	27	34
43	45	32	17	8	14	13	0	-12	-20	-26	-30	-35	-34	-24	-12	-4	7	22	33
34	24	9	-2	-3	4	15	19	7	-7	-14	-24	-33	-29	-25	-27	-18	-10	-11	-8
7	19	20	16	23	27	19	13	9	4	-3	-13	-18	-12	0	9	8	-4	-20	-33
-34	-22	-1	8	0	-9	-13	-7	4	10	11	10	3	-2	1	2	-2	0	6	-1
-11	-9	-10	-15	-14	-10	-11	-9	-5	-7	-5	3	13	21	25	22	10	-1	-9	-8
0	-2	-9	-13	-11	-4	5	10	10	4	2	5	1	-7	-12	-9	3	17	25	23
16	7	-5	-16	-15	-6	1	-3	-13	-24	-26	-17	-3	10	20	30	30	18	13	12
9	17	21	15	10	5	1	-3	-9	-16	-23	-19	-8	0	8	14	11	0	-2	0
0	4	15	16	6	-3	-10	-15	-20	-26	-27	-19	-6	-3	-11	-18	-20	-12	-6	-10
-11	-3	10	21	9	-13	-22	-18	-6	5	11	9	-3	-12	-15	-6	9	20	13	-8
-25	-33	-25	-8	9	24	39	41	28	19	12	3	0	9	20	24	16	2	-8	-14
-18	-19	-14	-11	-14	-14	-9	-1	2	-3	0	11	20	15	5	-2	-8	-12	-7	-4
-5	6	18	13	2	-3	5	17	19	7	-11	-24	-35	-30	-5	21	39	40	23	7
-5	1	14	25	34	30	21	8	-7	-19	-19	-9	-6	-4	-2	-7	-7	2	1	-7
-3	3	0	-1	3	4	-2	-9	-18	-26	-24	-13	-3	7	10	5	0	-3	-6	-11
-18	-20	-20	-21	-14	0	11	22	29	23	13	5	4	13	16	10	4	-2	-8	-10
-4	-8	-19	-21	-13	-6	-1	4	3	-4	-7	-4	-5	-4	6	12	8	1	-6	-7
-1	3	0	-6	-1	4	1	-1	1	0	-4	-4	-1	-6	-13	-11	-2	5	11	11
3	-5	-11	-15	-18	-21	-19	-12	-5	3	10	18	19	10	0	1	5	11	15	14
20	29	37	36	21	4	-6	-6	2	9	10	-3	-18	-27	-24	-13	-5	-6	-12	-20
-31	-28	-12	-2	2	3	-2	-2	7	9	3	-3	-1	8	12	8	-2	-13	-11	-1
4	-3	-19	-27	-21	-11	-1	3	-1	-8	-14	-20	-18	-7	3	10	15	15	8	-5
-12	-7	7	16	19	15	7	-1	-4	2	13	28	28	15	3	-6	0	11	10	6
8	14	13	8	2	-8	-5	17	27	16	1	-15	-15	-2	12	25	30	24	12	2
-9	-18	-23	-21	-15	-15	-22	-16	-5	-3	-4	-5	-5	-5	-5	-5	-4	-3	-1	4
10	13	8	0	-4	-4	1	13	16	8	0	-4	-3	6	22	31	26	15	3	-3
3	14	20	23	16	3	-8	-20	-31	-40	-39	-21	0	16	33	46	38	20	11	14
25	30	16	1	8	15	4	-7	-16	-25	-27	-23	-12	8	24	27	18	6	-2	-11
-22	-23	-13	-14	-23	-27	-27	-18	-10	1	14	23	32	33	23	11	-1	-13	-21	-26
-30	-32	-34	-34	-10	16	29	43	43	32	19	23	39	50	50	37	17	-8	-27	-24
-8	8	22	35	44	41	26	11	17	14	-11	-28	-21	-4	21	39	43	41	37	32
24	12	-17	-65	-97	-93	-74	-53	-35	-40	-57	-64	-51	-29	-14	-1	6	20	42	53
49	45	62	67	32	-31	-80	-87	-71	-42	-17	-17	-43	-72	-90	-85	-37	11	36	59
68	43	-4	-41	-57	-66	-72	-59	-34	-18	-12	-17	-46	-59	-61	-33	8	23	18	5
-11	-15	0	18	38	59	78	90	97	95	78	48	23	20	25	17	12	21	36	50
48	31	12	-16	-50	-67	-67	-69	-75	-85	-97	-99	-88	-72	-50	-38	-34	-34	-39	-40

-33	-15	5	15	17	24	38	48	56	62	50	33	21	13	14	26	46	65	64	49
31	13	-2	-3	1	-6	-16	-14	-6	-2	-8	-15	-7	6	0	-2	16	29	32	25
10	-1	8	22	15	-3	-13	-12	-3	8	1	-20	-47	-77	-99	-111	-128	-142	-134	-96
-51	-6	31	36	22	33	73	140	186	200	203	192	169	156	177	201	202	185	161	141
121	100	60	16	-14	-51	-104	-159	-197	-220	-232	-238	-242	-228	-184	-145	-121	-114	-131	-152
-151	-123	-78	-24	33	72	82	75	61	53	60	73	85	74	36	-7	-26	-18	5	29
40	27	-15	-67	-100	-117	-123	-116	-104	-90	-63	-19	21	50	61	46	40	71	96	99
104	104	116	142	153	133	109	93	73	41	-5	-54	-91	-109	-109	-94	-77	-65	-61	-64
-39	17	62	85	96	110	118	100	74	59	40	10	-29	-49	-33	-28	-44	-55	-63	-78
-95	-107	-105	-86	-23	54	106	137	130	105	98	93	68	10	-60	-104	-110	-70	-27	-3
-4	-35	-72	-90	-71	-27	13	29	15	-5	-17	-26	-22	-9	6	26	39	33	18	1
-17	-19	7	52	81	65	21	-11	-16	2	22	18	-11	-46	-69	-51	-6	30	54	66
62	45	10	-29	-49	-45	-19	16	38	26	-10	-46	-53	-22	11	31	39	30	3	-31
-60	-70	-50	-4	28	23	7	-1	-11	-16	-1	9	1	0	12	23	18	7	8	24
49	56	31	-2	-29	-50	-68	-80	-78	-60	-37	-4	34	72	83	63	26	-7	-28	-40
-29	-1	22	37	43	32	13	-6	-23	-37	-55	-66	-48	-18	4	21	34	42	50	54
52	56	71	83	81	72	74	75	66	56	58	66	76	80	73	64	52	37	19	-7
-31	-48	-60	-71	-88	-122	-149	-156	-153	-145	-119	-88	-46	4	35	51	51	38	23	6
-13	-24	-22	-15	-10	-21	-37	-50	-57	-48	-25	0	26	35	22	7	-9	-13	2	15
21	22	19	11	4	-3	0	19	46	54	40	4	-37	-53	-44	-40	-49	-63	-75	-86
-94	-100	-95	-58	-19	2	34	69	90	105	106	95	81	59	39	26	12	-3	-23	-30
-17	-6	1	9	17	15	-3	-21	-34	-24	0	20	36	46	54	42	16	-7	-41	-53
-31	-9	6	2	-20	-37	-42	-40	-31	-16	2	12	3	-12	-21	-26	-17	11	32	46
58	67	67	48	14	-34	-72	-86	-80	-67	-59	-49	-29	-14	2	26	44	58	72	83
92	93	88	80	71	54	28	4	-16	-33	-49	-62	-58	-44	-32	-24	-19	-26	-44	-53
-46	-35	-25	-17	-10	-3	2	6	1	-14	-28	-37	-49	-65	-81	-94	-92	-73	-49	-20
20	56	78	88	92	93	91	87	81	74	58	33	12	-4	-23	-44	-61	-77	-80	-63
-42	-30	-19	-10	-17	-27	-36	-45	-45	-35	-24	-13	9	31	44	53	60	73	88	91
73	44	20	13	15	18	21	24	26	27	25	20	10	-4	-23	-45	-68	-77	-71	-59
-46	-34	-23	-21	-33	-37	-30	-24	-21	-18	-13	-7	0	4	0	-10	-19	-22	-13	7
20	27	28	22	17	12	7	3	2	5	17	26	20	12	6	6	8	3	-2	6
21	34	49	63	76	81	75	65	48	25	2	-10	-6	-5	-18	-34	-49	-61	-70	-61
-41	-30	-29	-26	-15	2	17	29	36	32	21	6	-12	-31	-39	-28	-10	3	10	10
7	5	1	-3	-1	9	17	28	33	24	13	5	2	10	17	18	22	27	21	25
40	41	32	25	20	23	31	40	52	61	70	72	55	38	30	18	-4	-21	-36	-53
-61	-67	-66	-59	-57	-60	-52	-45	-52	-55	-45	-27	-6	16	24	18	10	2	-5	-5
5	8	0	-8	-18	-18	-1	21	42	55	61	62	55	45	34	23	14	15	26	36
39	25	3	-12	-25	-42	-55	-54	-46	-38	-34	-40	-48	-49	-42	-33	-24	-16	-7	-3
-7	-10	-1	14	14	2	-11	-25	-25	-15	-16	-29	-38	-36	-27	-14	10	42	70	85
87	84	79	74	67	61	54	48	41	34	26	17	8	-1	-7	-12	-16	-16	-15	-20
-29	-38	-47	-53	-47	-40	-40	-42	-43	-26	-4	8	23	37	35	25	12	-3	-23	-42
-54	-57	-50	-39	-28	-25	-33	-43	-53	-61	-56	-44	-34	-26	-18	-12	-10	-11	-8	0
10	18	21	27	36	47	54	60	61	48	33	26	21	16	12	12	10	17	6	-7
-17	-25	-33	-41	-46	-38	-26	-28	-35	-44	-53	-52	-46	-38	-21	2	21	32	29	14
5	2	5	16	31	44	52	51	46	38	28	18	7	-2	-8	-12	-17	-23	-27	-21
-11	-4	1	2	1	4	9	9	8	5	1	-3	-6	-7	-3	4	11	17	21	23
26	29	34	39	44	40	26	10	-7	-24	-32	-30	-31	-39	-49	-60	-61	-48	-27	-7
6	16	26	35	43	51	56	48	36	26	20	23	27	31	36	40	38	29	20	13
-7	-45	-34	-2	-11	-17	-25	-32	-33	-30	-35	-47	-62	-74	-84	-91	-87	-78	-72	-69
-59	-45	-34	-23	-11	3	19	34	35	25	14	6	-2	-9	-18	-25	-20	-9	0	8

2	-8	-4	-4	-4	-6	1	12	23	34	34	34	37	44	39	37	41	32	21	14	4	-4
-5	-3	-4	-5	-4	-4	-4	-7	-10	-10	-4	-4	4	10	15	17	19	19	12	7	10	16
12	5	-2	-3	2	2	9	16	25	28	20	20	7	-10	-25	-29	-25	-15	-6	0	6	12
20	19	10	1	-4	19	-15	-29	-27	-19	-13	62	-8	-2	22	-17	-29	-37	-40	-39	-37	-30
-21	-13	-2	15	32	32	56	78	88	81	10	10	46	33	8	0	0	0	-19	-29	-39	-60
-33	-25	-19	-15	-19	-19	-24	-19	-11	-1	11	10	17	17	8	0	-11	-27	-39	-46	-53	-60
-61	-55	-46	-37	-25	-25	-13	2	17	30	43	43	45	38	33	30	30	37	44	47	50	51
49	46	42	35	24	24	9	-6	-17	-24	-29	-29	-32	-37	-38	-31	-29	-29	-20	-11	-6	0
6	8	17	26	30	30	33	32	27	18	5	5	-8	-18	-27	-26	-18	-9	2	13	21	25
28	29	27	20	10	10	-1	-6	-7	-9	-6	-6	4	12	20	18	8	-1	-5	-9	-12	-15
-18	-17	-14	-10	-5	-5	1	5	2	-2	1	1	9	8	4	-1	-7	-9	-6	-1	2	3
3	-1	-11	-19	-24	-24	-26	-21	-17	-18	-18	-18	-13	-11	-14	-14	-11	-5	3	5	-1	-6
-9	-12	-17	-22	-19	-27	-32	-36	-33	-26	-20	54	-14	-16	-21	-18	-23	-25	8	14	21	26
29	29	26	22	19	27	25	37	46	50	54	54	46	24	3	3	-7	-19	-19	-8	2	10
16	21	26	27	27	27	22	15	8	2	-4	-4	21	-7	-1	2	-6	-18	-26	-30	-32	-33
-32	-27	-16	-1	16	-27	33	44	42	32	26	26	21	13	4	-6	-14	-20	-20	-18	-18	-20
-20	-19	-21	-26	-27	-27	-21	-13	-6	2	12	12	21	23	22	24	29	35	42	44	42	39
37	33	29	24	23	23	27	32	33	31	28	28	25	22	25	30	25	14	8	4	1	2
5	5	3	1	0	0	-2	-4	-7	-10	-15	-15	-21	-27	-32	-37	-42	-47	-47	-42	-32	-20
-13	-15	-21	-23	-23	-23	-22	-19	-16	-20	-30	-30	-35	-36	-35	-28	-19	-10	-4	-1	0	-1
-3	0	6	7	2	2	-2	-4	-5	0	10	10	20	28	35	41	47	54	55	47	39	29
18	5	-10	-25	-35	-35	-35	-29	-22	-14	-5	-5	3	11	18	22	23	23	24	24	23	21
18	17	20	21	16	16	16	23	24	11	-1	-1	-7	-10	-14	-15	-17	-21	-27	-34	-39	-35
-25	-16	-8	-2	3	3	5	6	2	-4	-1	-1	2	-1	6	7	-1	1	-2	-7	-1	7
11	9	-1	-9	-11	-11	-6	-7	-15	-19	-21	-21	-23	-25	-28	-29	-28	-21	-17	-23	-28	-24
-24	-20	-9	-9	-2	-2	23	29	20	12	4	4	-3	-5	-4	-3	0	4	7	11	15	19
25	31	38	45	52	52	59	60	56	51	42	42	32	22	12	3	-6	-15	-29	-42	-49	-54
-59	-62	-63	-62	-61	-61	-61	-61	-61	-63	-61	-61	-58	-53	-44	-33	-23	-13	-1	11	21	30
38	47	54	53	48	48	44	40	36	33	33	33	41	48	47	44	40	36	31	26	20	14
8	1	-4	-9	-13	-13	-14	-14	-10	-11	-13	-13	-13	-16	-18	-18	-16	-14	-16	-12	-4	-2
-4	-8	-12	-8	-2	-2	-3	-5	-1	2	2	2	-3	-2	1	0	-2	-2	-2	-1	0	2
4	3	0	-2	-2	-2	-3	-8	-12	-13	-16	-16	-20	-24	-26	-26	-29	-31	-29	-23	-16	-8
-3	-3	-3	-1	3	3	6	10	14	19	26	26	32	37	40	41	38	33	30	26	23	18
12	4	-3	-6	-9	-9	-13	-17	-27	-38	-46	-46	-52	-58	-62	-65	-65	-62	-56	-48	-38	-24
-9	2	10	17	23	23	27	31	33	34	35	35	33	30	28	31	34	38	43	48	49	45
37	30	20	8	8	-5	-20	-31	-38	-48	-53	-53	-46	-36	-27	-19	-11	-5	0	5	9	14
15	11	7	0	-5	-5	-2	-1	-6	-5	-1	-1	-4	-7	-6	-6	-10	-7	0	-1	1	8
9	5	5	6	3	3	7	10	3	0	4	4	3	1	4	1	-5	-8	-9	-12	-14	-11
-14	-23	-18	-10	-12	-12	-16	-15	-18	-23	-21	-21	-17	-15	-16	-19	-17	-9	-4	-4	-1	4
5	2	0	1	7	7	13	19	25	29	32	32	33	33	31	26	26	31	35	35	33	32
36	40	41	38	34	34	30	23	15	7	-1	-1	-9	-16	-22	-25	-28	-31	-34	-34	-32	-28
-24	-18	-11	-6	0	0	5	7	13	21	24	24	22	18	14	10	10	13	8	0	-5	-10
-15	-14	-13	-15	-14	-14	-10	-12	-13	-12	-12	-12	-12	-7	-3	-7	-12	-16	-17	-21	-22	-20
-21	-19	-17	-19	-18	-18	-16	-18	-14	-6	-2	-2	-5	-7	-7	-11	-13	-16	-8	-5	0	8
11	10	8	5	0	0	1	2	0	3	9	9	11	11	15	16	15	18	18	18	22	26
23	25	31	32	28	28	20	13	7	0	-9	-9	-17	-22	-27	-32	-37	-34	-27	-22	-14	-5
-4	1	10	16	20	20	22	21	18	13	7	7	0	-5	-8	-12	-16	-16	-11	-2	8	15
21	25	29	32	31	31	26	18	11	5	0	0	-6	-11	-6	0	0	-16	-11	-2	5	6
12	10	13	11	10	10	14	16	12	11	15	15	11	9	10	8	4	3	4	-4	-5	-2
-7	-11	-13	-16	-14	-14	-12	-14	-15	-14	-19	-19	-23	-19	-17	-21	-20	-17	-18	-21	-17	-14

-18	-11	3	14	23	30	31	24	16	9	4	0	-4	-8	-10	-7	0	8	13	17
22	26	28	28	24	19	15	11	7	2	-1	-5	-9	-13	-15	-17	-20	-16	-7	-2
-1	7	4	2	3	5	3	-1	-5	-9	-12	-15	-11	-4	1	4	7	10	14	11
4	1	-2	-4	-6	-9	-12	-11	-8	1	1	9	8	4	0	-3	-3	0	1	-2
-3	0	0	-4	1	8	8	12	12	6	8	9	1	-2	-1	-8	-14	-10	-8	-13
-14	-8	-7	-10	-7	-6	-9	1	1	4	36	-1	-2	-4	-8	-13	-16	-19	-21	-21
-17	-9	-8	-9	-5	3	11	19	27	34	36	34	30	26	22	17	11	3	-5	-10
-13	-17	-19	-16	-9	-2	2	0	-4	-8	-11	-14	-18	-23	-28	-31	-31	-23	-14	-9
-7	-5	-2	4	11	17	24	27	25	27	24	13	10	12	5	-3	-5	-9	-16	-14
-8	-12	-14	-8	-4	-4	1	8	14	17	17	14	10	10	12	13	11	7	10	12
7	1	-2	-1	0	-3	-2	-1	-3	-3	-2	-7	-12	-9	-9	-15	-14	-12	-15	-14
-16	-18	-17	-12	-5	0	6	10	13	14	12	4	-4	-9	-12	-14	-10	-5	-11	-17
-18	-24	-25	-22	-23	-24	-22	-21	-23	-17	-11	-15	-14	-5	-3	-1	6	7	8	16
23	20	14	13	11	4	-1	-6	-12	-13	-13	-12	-9	-4	-2	0	1	-2	-7	-3
0	-3	-4	2	0	-2	3	0	-7	-12	-16	-13	-9	-11	-14	-15	-10	-1	1	0
-2	-2	8	12	6	7	13	14	15	18	15	12	8	4	5	9	8	4	8	12
9	12	18	17	16	20	19	15	18	20	16	15	18	16	10	11	12	8	4	5
3	-1	0	-2	-7	-9	-13	-20	-28	-34	-40	-42	-42	-45	-45	-41	-38	-36	-35	-34
-32	-28	-23	-17	-10	-2	3	5	6	10	13	14	19	25	22	12	6	3	2	3
2	1	6	8	6	7	9	8	9	11	8	6	8	3	0	5	5	-2	-3	3
3	13	15	12	5	5	5	-1	-1	0	14	10	9	11	15	21	24	20	17	19
29	22	18	13	9	5	2	-2	-1	1	-2	-6	1	0	11	19	26	30	35	35
5	9	10	9	11	9	-1	-11	-18	-22	-27	-33	-37	-41	-45	-49	-52	-51	-44	-42
-42	-36	-35	-39	-36	-27	-21	-13	-3	2	3	7	5	5	13	15	14	17	17	12
8	10	12	10	12	11	6	7	9	7	7	5	2	4	5	3	-3	-10	-11	-8
-7	-11	-8	-11	-7	-8	-12	-11	-7	-9	-10	-4	0	0	-2	-6	-6	0	2	-1
0	6	6	7	12	10	8	13	16	13	16	27	29	28	33	37	35	35	40	38
29	22	16	11	10	7	-2	-11	-18	-22	-25	-30	-34	-36	-35	-31	-25	-20	-15	-11
-8	-7	-11	-9	0	2	1	5	8	5	4	9	11	10	14	14	9	15	24	19
17	24	27	30	35	27	19	19	12	6	9	10	9	10	9	8	10	10	6	7
10	11	13	13	9	3	-1	-5	-8	-14	-22	-27	-32	-33	-34	-34	-30	-29	-33	-32
-30	-31	-25	-22	-24	-18	-16	-19	-13	-4	3	7	12	16	18	18	21	21	16	18
23	18	14	16	14	10	11	12	6	4	4	0	-6	-10	-16	-23	-22	-25	-30	-28
-29	-32	-30	-28	-29	-27	-21	-18	-19	-15	-12	-17	-15	-10	-11	-12	-10	-7	-1	11
14	7	10	18	23	28	34	36	31	32	37	35	38	37	26	22	22	17	7	5
6	0	-2	-5	-9	-7	-6	-9	-10	-9	-10	-12	-9	-5	-5	-12	-8	-6	-11	-10
-6	-8	-6	-3	-8	-5	2	-3	-2	7	4	-1	3	1	-4	2	3	-2	-5	-7
-12	-16	-14	-11	-19	-26	-26	-28	-31	-27	-22	-25	-24	-16	-5	5	15	24	30	32
30	32	35	33	34	39	36	31	35	35	27	20	15	11	7	7	7	3	-1	-2
-6	-8	-2	-2	-5	-3	-3	-4	0	-3	-6	1	7	4	2	3	-2	-6	-6	-3
2	7	9	10	17	24	20	15	18	23	21	12	6	3	5	4	-1	1	0	-9
-13	-10	-14	-21	-18	-9	-12	-15	-11	-13	-16	-18	-27	-34	-36	-36	-33	-32	-33	-37
-36	-30	-27	-27	-26	-19	-8	-1	3	5	5	6	8	12	15	13	9	7	7	6
5	3	-1	-1	6	6	3	7	11	9	9	13	13	10	11	12	7	18	7	0
1	4	0	1	5	0	2	11	13	16	23	21	17	22	24	20	19	18	15	12
13	12	7	7	5	0	-3	-15	-24	-19	-13	-21	-25	-23	-21	-22	-17	-10	-14	-13
-8	-10	-6	-1	-1	8	13	9	7	5	-1	-6	-7	-4	1	7	11	-10	15	13
10	6	2	-2	-4	-6	-3	0	-4	-5	-4	-6	-6	-9	-14	-14	-12	-15	-17	-12

[illegible]

IIT289 54.005. LOWER CALIFORNIA EARTHQUAKE NOV 12, 1954 - 0427 PST EPICENTER - 31 30 00N, 116 00 0
 STATION NO. 117 EL CENTRO, IMPERIAL VALLEY IRRIGATION DISTRICT COMP EAST 32 47 43N, 115 32 5
 INSTR PERIOD = 0.066 SEC DAMPING = 0.592 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

PEAK VALS ACCLN = 27.0 CM/SEC/SEC AT 15.20 SEC VELO = -3.2 CM/SEC AT 16.54 SEC DISP = 2.7 CM AT 16.16 SEC

INITIAL VELO = 0.49855 CM/SEC INITIAL DISP = -0.10852 CM

3890 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.

-8	-21	-25	-20	-9	-2	-5	-9	-12	-8	5	15	19	13	2	-11	-15	-9	-1	3
10	19	23	20	7	-6	-17	-25	-23	-18	-12	-5	3	10	13	4	-9	-8	2	8
4	-5	-12	-14	-10	-3	4	10	8	-3	-10	-10	-8	-7	-5	-5	-10	-14	-14	-16
-17	-6	3	5	1	-3	1	10	16	22	23	17	3	-12	-21	-21	-16	-12	-20	-30
-26	-11	6	17	23	30	35	32	21	10	-1	-11	-21	-28	-27	-23	-18	-11	-3	3
11	16	9	2	-3	-4	-1	5	7	5	-1	-7	-4	6	11	8	1	-4	-4	-4
2	9	8	7	8	12	15	16	13	4	-4	-10	-17	-23	-26	-23	-15	-3	12	18
13	5	0	-2	-4	-6	1	10	21	29	23	7	-12	-26	-26	-19	-19	-24	-28	-25
-13	4	14	12	8	6	3	-1	-9	-15	-10	-4	3	10	15	17	15	10	5	-9
-19	-17	-12	-12	-21	-30	-26	-13	-3	4	11	14	6	-4	-10	-14	-11	-3	0	1
6	12	9	-2	-8	-3	7	16	22	20	13	7	3	-1	3	8	2	-5	-9	-14
-19	-25	-26	-20	-11	-4	-2	1	2	-2	-12	-19	-14	-5	3	12	17	17	17	17
17	16	8	-9	-20	-17	-11	-11	-13	-9	0	12	16	7	4	11	16	17	11	-4
-17	-12	1	12	11	4	-1	-4	-4	-1	5	12	9	-1	-8	-11	-13	-13	-17	-19
-17	-13	-13	-21	-31	-26	-11	-1	3	-2	-4	9	18	15	10	6	1	-3	-3	5
13	18	19	15	11	6	2	0	5	11	15	15	7	-1	-6	-8	-6	0	5	1
-9	-17	-17	-12	-4	4	6	4	9	18	29	41	36	17	-2	-16	-18	-12	-6	-3
-9	-19	-24	-17	-7	-1	5	12	16	18	17	12	6	-2	-8	-6	1	8	14	17
15	11	7	4	1	-2	-5	-9	-12	-16	-16	-12	-9	-12	-13	-7	2	12	21	25
23	18	18	16	7	5	8	8	1	-7	-13	-16	-12	-4	3	11	5	-6	-11	-7
1	8	11	7	-4	-12	-18	-14	0	9	9	5	-3	-13	-18	-16	-9	-1	6	12
18	21	18	10	-1	-9	-12	-6	1	2	-4	-4	4	10	16	17	12	16	18	10
2	4	8	1	-9	-18	-22	-11	3	9	4	3	6	10	11	7	-2	-16	-29	-36
-34	-32	-37	-33	-15	10	29	30	16	5	6	15	23	29	29	25	16	6	1	1
2	-8	-21	-22	-13	-4	4	9	6	2	-3	-7	-9	-10	-10	-11	-12	-7	0	3
10	17	21	22	15	2	-11	-19	-17	-13	-11	-12	-22	-35	-42	-37	-27	-15	-2	9
13	14	18	21	24	26	21	9	-3	-11	-12	-4	3	5	-3	-11	-6	9	21	31
39	37	27	12	-1	-10	-11	-1	13	18	5	-13	-27	-36	-33	-24	-19	-17	-15	-12
-5	3	16	33	49	46	28	8	-5	-8	-5	2	3	-3	-10	-16	-19	-13	-1	11
15	8	-4	-16	-24	-30	-27	-16	-5	6	16	27	33	27	18	12	11	15	22	18
-1	-19	-32	-40	-42	-39	-35	-31	-26	-24	-27	-23	-12	-1	2	4	11	16	13	6
2	9	21	30	33	31	31	33	43	54	59	54	42	27	14	9	7	5	4	1
-10	-12	0	11	18	16	7	7	23	39	48	45	39	32	22	11	0	-12	-27	-47
-64	-77	-77	-71	-68	-65	-60	-51	-39	-23	-2	18	33	50	66	65	47	27	5	-25
-67	-95	-98	-91	-80	-57	-29	-13	-3	-5	-24	-41	-51	-45	-28	-16	-19	-19	-7	-7
-25	-32	-21	-1	16	20	21	33	54	73	76	69	71	81	75	60	61	73	82	82
68	53	50	44	29	9	-14	-25	-17	-7	-10	-24	-39	-42	-22	4	26	44	44	21
-3	-28	-72	-108	-111	-89	-62	-38	-20	-7	7	-19	-46	-26	-26	28	84	144	205	264
270	204	138	86	45	15	-10	-22	-28	-33	-36	-23	7	37	63	54	10	-32	-67	-91
-83	-59	-36	-11	18	46	74	100	99	75	51	21	-5	-12	-10	-17	-36	-60	-87	-117

-140	-157	-159	-152	-144	-138	-135	-134	-133	-130	-121	-108	-95	-82	-70	-58	-46	-49	-69	-87
-97	-104	-104	-95	-82	-53	-21	3	14	16	29	50	53	32	6	-1	17	45	97	142
162	182	193	175	141	105	68	40	26	19	-4	-36	-60	-69	-54	-30	-4	11	-8	-46
-82	-103	-102	-90	-66	-36	-13	1	-6	-24	-42	-52	-44	-34	-38	-36	-18	-1	14	49
94	120	121	96	73	78	103	125	139	136	104	57	7	-28	-76	-76	-98	-94	-80	-72
-83	-93	-84	-79	-101	-118	-113	-107	-115	-129	-126	-102	-66	-13	55	117	147	155	163	165
147	138	155	146	98	44	-11	-50	-55	-59	-72	-84	-102	-108	-89	-60	-30	-4	14	33
53	74	98	111	104	90	86	101	124	145	135	100	73	45	1	-38	-56	-63	-64	-54
-39	-36	-51	-67	-70	-56	-41	-28	-10	4	14	22	7	-31	-58	-54	-38	-37	-54	-61
-54	-53	-65	-69	-60	-52	-58	-72	-87	-87	-56	-14	23	57	91	116	113	94	93	112
131	142	132	110	88	63	38	14	-6	-27	-51	-85	-100	-67	-19	27	42	16	-12	-23
-28	-34	-33	-5	40	82	118	119	85	49	11	-33	-79	-126	-154	-152	-143	-139	-145	-148
-129	-97	-60	-22	-7	-6	-5	8	37	71	109	142	143	124	119	131	148	157	144	122
100	88	88	80	64	51	50	53	52	46	40	34	22	-6	-42	-77	-113	-139	-125	-88
-54	-32	-19	-5	-6	-32	-65	-87	-96	-102	-104	-89	-67	-50	-41	-28	-8	14	28	19
0	-18	-34	-27	4	32	54	71	73	62	58	70	90	88	63	33	20	29	42	36
17	-3	-21	-37	-52	-71	-98	-124	-119	-92	-57	-12	18	30	41	53	56	38	12	-14
-41	-68	-91	-89	-70	-46	-18	-6	-6	-7	4	23	38	35	17	8	17	30	41	46
46	46	55	70	85	100	107	88	56	24	-4	-21	-36	-44	-42	-39	-47	-66	-85	-105
-112	-96	-77	-64	-53	-41	-21	5	28	46	44	35	35	40	46	56	69	81	77	47
14	-3	-8	-12	-16	-9	10	31	55	75	71	51	31	12	-8	-26	-21	3	26	31
24	15	-2	-19	-20	-11	-2	7	16	25	23	3	-19	-42	-58	-53	-38	-24	-10	-8
-25	-40	-41	-37	-34	-32	-35	-40	-44	-49	-53	-57	-61	-55	-43	-30	-21	-13	1	19
30	29	25	17	7	9	20	32	36	24	7	-9	-26	-41	-38	-21	-7	-10	-23	-36
-48	-54	-47	-36	-18	5	26	28	15	2	-12	-16	-5	10	20	22	20	21	30	43
58	76	95	98	82	62	45	40	40	40	42	45	48	50	47	42	36	30	22	13
3	-6	-19	-44	-74	-102	-102	-77	-50	-26	-3	7	-4	-18	-33	-36	-16	11	30	27
18	5	-19	-44	-57	-59	-44	-22	-9	1	11	22	34	51	60	57	55	60	60	44
22	0	-14	-9	5	9	-3	-19	-34	-48	-50	-40	-29	-24	-34	-50	-62	-63	-54	-40
-18	5	16	21	26	24	13	15	26	35	24	-1	-26	-44	-58	-72	-86	-93	-84	-71
-56	-38	-26	-28	-34	-40	-38	-22	-1	23	39	48	58	67	77	82	71	54	37	21
15	28	38	40	42	39	25	16	23	33	44	47	36	15	-12	-43	-63	-65	-61	-62
-67	-69	-58	-38	-17	5	20	14	1	-11	-10	0	0	-2	7	9	12	30	49	48
38	27	22	29	39	41	33	24	16	8	8	15	22	29	32	21	2	-16	-33	-45
-50	-53	-55	-52	-47	-39	-23	-2	12	23	31	32	28	26	30	34	36	36	36	30
21	18	19	21	23	25	23	3	-25	-50	-71	-91	-94	-84	-75	-68	-61	-54	-41	-27
-8	25	54	68	82	89	78	61	44	25	4	-18	-39	-53	-63	-71	-58	-25	7	31
52	60	56	52	49	42	27	9	-9	-28	-44	-50	-47	-45	-43	-43	-44	-45	-46	-39
-29	-26	-31	-29	-23	-28	-29	-14	2	16	27	36	40	43	43	40	36	29	19	13
17	24	28	24	18	9	-3	-15	-13	-1	8	15	14	8	6	11	16	20	16	4
-7	-19	-25	-15	3	20	37	48	43	33	24	14	-3	-23	-36	-43	-47	-39	-26	-12
1	2	-8	-19	-34	-52	-62	-59	-53	-47	-46	-52	-55	-46	-31	-17	-2	12	26	39
53	65	65	55	45	35	25	18	23	36	49	61	69	76	79	68	49	31	12	-7
-28	-43	-48	-51	-54	-58	-63	-71	-70	-55	-37	-21	-6	8	19	16	7	8	18	29
32	21	5	-10	-24	-24	-14	-3	5	6	-37	-2	5	20	34	50	58	49	37	25
12	-3	-18	-34	-48	-55	-58	-62	-64	-65	-65	-65	-61	-49	-33	-8	17	34	42	35
21	9	-5	-22	-38	-55	-62	-53	-39	-25	-11	3	13	16	16	18	21	24	28	35
43	51	49	39	27	22	24	25	20	14	8	11	21	32	43	44	32	16	1	-12
-23	-35	-43	-38	-27	-16	-2	13	28	43	48	42	35	28	21	14	10	12	19	21
16	8	1	-7	-11	-9	-6	-5	-7	-12	-16	-21	-24	-27	-28	-25	-22	-23	-26	-26

-11	-33	11	31	47	63	70	66	60	55	47	31	12	-7	-27	-39	-40	-39	-38	-36	-35
-34	-19	-31	-32	-31	-24	-11	1	13	25	38	46	44	35	22	6	-4	-8	-9	-8	-7
12	26	21	15	10	10	12	16	17	-7	-8	-7	-1	7	23	37	37	29	24	26	31
-49	-57	-60	-60	-56	-56	-52	-54	-58	-62	-64	-63	-58	-51	-37	-19	-2	-3	-11	-22	-37
35	38	40	42	44	46	46	52	62	71	79	85	85	75	63	52	40	9	16	22	29
-22	-29	-37	-50	-57	-53	-53	-46	-39	-33	-36	-41	-46	-45	-31	-16	-5	6	13	16	-13
8	11	15	19	22	19	19	13	7	3	-1	-3	-7	-13	-19	-25	-31	-34	-17	16	9
0	-1	-9	-17	-26	-35	-35	-38	-31	-21	-10	1	12	26	40	43	35	26	19	13	-8
6	9	13	16	19	23	23	27	32	36	40	45	49	52	46	36	26	16	5	-7	-19
-31	-39	-44	-48	-50	-51	-47	-42	-37	-33	-28	-23	-24	-30	-27	-14	-2	9	20	30	37
42	48	48	48	37	22	8	-7	-21	-36	-47	-48	-44	-40	-37	-30	-20	-10	0	7	9
7	5	4	4	2	0	-1	-2	-3	-4	-3	-2	0	3	11	20	27	31	33	31	25
20	12	2	2	-8	-17	-25	-27	-21	-12	-4	-14	12	18	21	24	26	27	24	20	16
13	9	4	4	0	-5	-10	-14	-19	-23	-22	-14	-4	5	11	16	20	23	20	13	15
21	23	20	20	24	24	28	32	31	23	17	17	19	17	13	8	5	3	2	0	-5
-11	-16	-22	-28	-35	-35	-40	-43	-44	-46	-47	-46	-42	-37	-33	-28	-23	-19	-14	-9	-3
3	8	9	9	8	8	8	7	5	2	0	-2	-2	-3	2	15	21	21	21	20	22
25	27	31	33	29	29	23	16	8	0	-7	-13	-17	-18	-14	-8	-2	2	5	4	0
-1	2	9	18	24	24	24	22	17	9	3	-3	-10	-18	-25	-31	-32	-30	-29	-27	-22
-17	-13	-8	-8	2	2	6	10	13	15	17	18	19	21	23	20	12	5	0	-4	-7
-9	-16	-29	-29	-48	-50	-58	-63	-62	-59	-52	-42	-29	-14	3	19	36	51	64	75	83
84	79	71	62	50	37	37	23	10	-4	-19	-33	-44	-53	-60	-64	-60	-54	-48	-40	-30
-16	-3	3	8	11	13	13	15	16	17	19	22	25	26	25	23	21	19	16	14	9
3	-6	-21	-35	-45	-45	-45	-38	-29	-17	-5	6	17	24	29	27	20	15	11	7	7
9	8	4	-2	-11	-11	-20	-28	-37	-46	-55	-62	-68	-74	-80	-86	-86	-81	-72	-60	-47
-35	-24	-13	-3	8	8	18	27	38	49	58	64	63	56	49	44	40	40	42	44	43
40	38	39	40	41	43	43	45	47	49	48	43	37	30	22	13	6	0	-7	-14	-18
-22	-27	-34	-40	-45	-49	-49	-52	-55	-52	-47	-42	-37	-32	-26	-21	-15	-9	-2	2	4
5	4	2	1	1	0	0	-2	-5	-7	-5	-2	1	2	-1	-6	-11	-16	-14	-8	-3
2	9	16	19	20	20	19	17	14	11	5	0	-1	0	1	2	3	6	9	13	15
17	19	22	26	29	29	27	17	5	-9	-23	-31	-35	-34	-31	-28	-25	-19	-12	-5	1
-11	-14	-15	-12	-6	-6	-1	3	-2	-6	-10	-12	-13	-14	-12	-8	-5	-2	-2	-5	-8
10	12	12	10	8	8	10	13	12	9	6	11	12	16	19	19	16	14	11	8	8
-1	7	12	15	14	14	11	8	4	0	-4	-7	-10	-6	-12	-17	-21	-23	-21	-17	-11
7	12	17	21	19	19	15	11	6	2	-3	-7	-12	-12	-15	-15	-15	-15	-12	-5	2
-3	-8	-9	-10	-10	-10	-6	-1	3	7	11	17	-12	-12	-11	-11	-9	-5	-2	1	1
14	13	11	10	7	7	4	2	4	6	6	4	24	31	34	31	26	23	20	19	16
1	2	4	5	6	6	7	6	5	3	-2	-8	-11	-14	-15	-14	-5	-5	-4	-3	-1
16	13	9	3	4	4	-8	-7	-5	-2	2	6	7	7	6	6	5	4	3	2	1
1	4	8	11	14	14	16	16	15	14	12	11	9	4	-2	-7	-11	-14	-15	-17	-17
-16	-13	-10	-5	-2	-2	2	2	-2	-5	-8	-11	-14	-16	-19	-22	-25	-27	-27	-21	-12
-6	0	4	3	0	0	-2	-5	-7	-9	-14	-20	-25	-29	-33	-38	15	15	14	13	12
-13	-15	-15	-14	-12	-12	-8	-4	1	5	-2	11	13	15	16	16	7	11	15	20	27
10	8	9	11	13	13	16	18	13	5	-2	-7	-10	-9	-2	4	9	9	8	5	1
34	38	37	32	27	21	21	14	7	3	-34	-30	-23	-14	-4	3	8	13	17	19	20
-4	-9	-15	-20	-24	-24	-26	-29	-31	-34	-34	-11	-12	-10	-8	-6	-4	-3	17	19	20
20	16	12	10	8	5	5	1	-4	-7	-10	-11	-12	-10	-8	-6	-4	-3	17	19	20
2	5	7	10	14	14	18	23	27	32	36	39	39	35	30	25	20	15	10	5	0

-3	-25	-54	20	21	4	4	-13	-10	-6	-10	-13	-16	-19	-22	-25	-27	-29	-31	-33	-34	-33	-32	-31	-29	-26	-23	-21	
59	53	-51	17	20	7	4	-38	-44	-31	-37	-41	-43	-45	-44	-39	-32	-21	-9	-5	2	15	27	38	48	56	62	67	66
-54	20	17	15	12	10	10	-38	-32	-27	-22	-17	-17	-27	-22	-17	-12	-8	-5	-2	1	4	7	-18	-24	-31	-44	-50	
21	20	17	15	12	10	10	18	18	16	14	5	5	7	5	11	6	-4	-7	-8	-8	-8	-6	0	8	14	18	21	
4	7	4	10	13	16	16	-16	-9	18	20	22	22	23	26	22	23	26	31	39	43	39	35	30	26	20	15	10	
4	7	4	10	13	16	16	-24	-32	-32	-38	-39	-39	-37	-36	-37	-37	-36	-34	-33	-31	-30	-31	-30	-30	-24	-18	-15	
-13	-10	-9	-7	-4	-1	-1	-12	-12	-13	-15	-17	-17	-19	-21	-21	-19	12	14	17	20	23	25	17	15	8	2	-2	
-5	-9	-9	-11	-12	-12	-12	-12	-12	-13	-15	-17	-17	-19	-21	-21	-19	-21	-24	-27	-29	-32	-35	-35	-30	-24	-19	-15	
-11	17	9	-4	-3	-2	-2	-3	-4	-2	-5	-6	-6	-14	-20	-25	-31	7	14	19	25	30	33	35	38	39	33	25	
17	9	9	11	12	12	12	-2	-3	-4	-2	-5	-6	-14	-20	-25	-31	7	14	19	25	30	33	35	38	39	33	25	
8	9	9	11	12	12	12	-2	-3	-4	-2	-5	-6	-14	-20	-25	-31	7	14	19	25	30	33	35	38	39	33	25	
4	3	3	8	12	16	16	-2	-5	11	11	10	10	10	11	10	10	9	9	9	8	8	8	8	8	8	7	6	
-2	3	3	8	12	16	16	-2	-5	11	11	10	10	10	11	10	10	9	9	9	8	8	8	8	8	8	7	6	
13	12	12	11	10	9	9	-8	-6	20	23	26	26	27	24	24	24	22	20	19	19	19	18	18	17	16	15	14	
-6	-6	-6	-6	-8	-12	-12	-15	-19	-15	-19	-20	-20	-19	-17	-20	-17	4	3	2	2	2	2	2	2	2	1	-2	-5
-2	-2	-1	-1	0	0	0	-10	-15	-19	-20	-18	-18	-19	-20	-20	-19	0	-13	-9	-7	-6	-6	-5	-7	31	26	20	
12	4	4	-4	-10	-15	-20	-10	-19	-19	-20	-18	-18	-19	-20	-20	-19	0	1	3	6	10	14	16	18	19	20	21	
-15	-17	-17	-19	-20	-20	-20	-20	-18	-20	-18	-11	-11	-3	-3	-11	-3	0	1	3	6	10	14	16	18	19	20	21	
22	-26	-27	23	23	23	23	-26	-26	23	23	21	21	17	17	21	13	13	6	-1	-7	-14	-20	-26	-31	-31	-31	-30	
-28	-26	-27	23	23	23	23	-26	-26	23	23	21	21	17	17	21	13	13	6	-1	-7	-14	-20	-26	-31	-31	-31	-30	
26	27	26	26	25	23	3	1	1	1	19	16	16	13	11	16	11	11	-1	-3	-3	0	-1	-16	-16	-13	-10	-7	
5	5	4	4	4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-7	
-6	-4	-4	-4	-4	-5	-5	-5	-5	-6	-8	-9	-8	-10	-11	-11	-10	-11	-12	-10	-5	0	4	8	12	16	19	19	
14	9	9	4	-1	-5	-5	-4	-1	-8	-12	-14	-14	-13	-10	-10	-7	-7	-4	-3	-3	-4	-4	-4	-4	-4	-4	-13	
-11	-9	-9	-6	-4	-1	-1	-1	-1	2	4	7	7	7	5	5	4	4	3	3	2	2	0	-2	-4	-4	-4	8	
12	15	17	17	19	21	21	19	19	22	22	22	22	22	22	22	22	22	23	24	25	26	25	21	18	14	10	6	
2	-2	-2	-6	-6	-10	-12	-12	-14	-14	-16	-18	-18	-20	-23	-23	-20	-23	-23	-22	-21	-19	-17	-15	-13	-12	-13	-13	
-13	-13	-13	-13	-11	-6	-6	-11	-13	-1	3	7	7	10	12	12	10	12	13	14	15	16	16	14	13	11	10	8	
6	3	3	-1	-4	-8	-8	-4	-8	-11	-15	-18	-18	-22	-25	-25	-22	-25	-28	-31	-31	-30	-28	-27	-25	-21	-15	-9	
-4	1	1	4	8	9	9	8	8	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	3	
3	2	1	1	2	5	5	2	5	0	-4	-8	-8	-11	-15	-15	-11	-15	-19	-22	-20	-16	-13	-9	-6	-3	0	2	
11	13	13	13	11	6	6	11	6	6	6	6	6	6	6	6	6	6	6	6	6	7	7	8	9	9	7	5	
3	3	3	4	5	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	7	7	8	9	9	7	5	
3	3	3	0	2	5	5	-2	-2	-8	-12	-13	-13	-11	-8	-11	-11	-8	-5	-3	-4	1	3	4	4	4	3	2	2
2	2	2	4	5	7	7	9	9	12	12	14	14	14	11	12	14	11	8	4	1	-1	-2	-2	-2	-4	-3	-1	
1	1	1	4	6	9	9	6	9	12	12	14	14	14	12	14	13	12	11	10	7	4	1	-2	-6	-4	-2	-14	
-17	-19	-19	-20	-21	-22	-22	-21	-22	-22	-22	-22	-22	-21	-22	-22	-21	-20	-19	-19	-18	-17	-15	-11	-8	-4	-2	0	
3	5	5	7	10	11	11	10	11	10	8	5	5	3	3	5	3	3	3	3	3	4	4	5	8	11	14	16	
18	19	19	19	18	18	18	18	18	18	17	16	16	14	12	12	12	12	10	8	7	5	4	3	2	1	0	-3	
-6	-10	-10	-14	-16	-17	-17	-17	-18	-18	-19	-20	-20	-21	-21	-20	-21	-21	-21	-20	-20	-20	-19	-16	-13	-9	-5	-1	
3	7	7	9	11	13	13	13	13	15	17	18	18	20	21	21	21	21	21	20	19	18	16	15	14	13	12	12	
12	13	13	13	13	13	13	13	13	15	17	18	18	20	21	21	21	21	21	20	19	18	16	15	14	13	12	12	
-4	-5	-5	-5	-6	-6	-6	-6	-7	-7	-8	-8	-8	-8	-9	-8	-8	-8	-9	-9	-7	-5	0	-1	-1	-2	-3	-3	
2	2	2	7	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	
10	9	9	7	5	4	4	5	5	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
-30	-31	-31	-31	-29	-25	-25	-29	-29	-21	-17	-13	-13	-9	-9	-13	-13	-19	-15	-15	-3	-7	-11	-15	-19	-23	-26	-28	
27	27	27	25	22	22	22	22	22	21	19	18	18	18	17	15	12	9	4	-1	-3	-3	-4	-4	-5	-5	-6	-7	

-8	-9	-9	-10	-11	-12	-13	-14	-16	-17	-18	-18	-18	-19	-19	-20	-20	-19
-17	-13	-10	-6	-5	-4	-3	-2	-1	-1	-1	-1	-2	-2	-2	3	3	5
6	5	4	3	1	0	-1	-2	-3	-5	-7	-7	-8	-7	-6	2	2	5
8	10	10	11	12	12	10	9	8	7	4	4	2	0	-2	-5	-5	-2
5	9	10	9	8	8	8	8	8	8					-2	-5	-5	-2

11T289 54-005.

STATION NO. 117
INSTR PERIOD = 0.065 SEC

LOWER CALIFORNIA EARTHQUAKE
EL CENTRO, IMPERIAL VALLEY IRRIGATION DISTRICT
DAMPING = 0.552

NOV 12, 1954 - 0427 PST
ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN

EPICENTER - 31 30 00N, 116 00 0
COMP UP 32 47 43N, 115 32 5
0.070 AND 25 CYC/SEC.

PEAK VALS

ACLN = 6.7 CM/SEC/SEC AT 16.10 SEC

VELO =

0.9 CM/SEC AT 21.10 SEC

DISP = -1.1 CM AT 18.06 SEC

INITIAL VELO = 0.08650 CM/SEC INITIAL DISP = 0.29337 CM

3886 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.

-44	-43	-43	-42	-24	11	9	-12	8	24	-2	-25	-17	-3	1	9	12	2	0	4
-1	4	23	37	24	12	12	5	-3	-7	-5	1	8	-1	-18	-12	-3	-3	-3	1
-3	-10	-5	-1	-10	-27	-37	-25	1	18	29	26	9	-4	-1	17	20	4	-1	3
-1	3	14	8	-6	3	19	9	-16	-35	-30	-15	-10	-17	-9	14	14	-4	-1	15
18	17	23	16	-1	-10	-16	-19	-19	-11	-1	9	17	19	15	9	0	-7	1	11
3	-11	-15	-4	1	-9	-15	-7	3	0	-11	-15	-11	-7	3	17	23	22	17	7
0	2	1	-6	-14	1	-15	-2	2	6	15	14	11	9	0	-7	-8	-12	-18	-18
-11	-11	-15	-10	1	6	3	6	6	6	11	12	6	-2	-9	-9	1	14	21	18
11	5	10	8	-5	-10	-10	-12	-9	-1	-6	-13	-10	-10	-7	3	7	-2	-17	-19
-8	-3	-10	-15	-7	12	17	9	8	3	-8	-17	-16	-3	13	28	31	18	5	2
4	5	5	0	-15	-27	-24	-15	-17	-25	-25	-10	9	6	-16	-21	-3	14	18	10
2	4	18	21	8	11	31	35	17	-3	-14	-10	11	23	5	-14	-3	14	11	-6
-14	-11	-5	-2	-9	-12	2	10	0	-4	8	16	10	0	-3	9	14	-1	-2	18
31	22	6	-8	-12	-5	-3	-4	-1	2	-7	-17	-8	3	-6	-6	8	0	-17	-10
3	0	-5	15	37	29	9	5	19	34	33	15	3	6	8	4	3	1	-6	-15
-20	-17	-8	-1	0	-5	-3	1	-4	-11	-16	-13	-5	5	10	7	2	-2	3	5
-9	-21	-15	-4	-9	-17	-6	9	4	3	12	3	-7	5	18	12	-2	-5	5	2
-7	-3	7	8	6	2	-5	-12	-11	5	14	4	-3	10	17	2	-9	-9	-1	10
23	25	11	5	12	15	10	2	2	8	9	-1	-7	1	-3	-15	-6	11	19	20
15	9	9	10	2	-9	-7	4	5	-4	-10	-11	-6	0	3	1	-5	1	10	3
-12	-10	9	11	-6	-16	-15	-7	0	-2	-5	-4	3	4	2	7	10	4	0	7
16	17	6	-7	-10	1	7	-6	-15	0	12	8	2	-6	-22	-26	-11	-13	-17	-5
-2	-2	11	20	8	4	19	21	13	8	5	8	11	3	-11	-15	-2	-10	-10	-3
-9	-9	-1	1	-1	2	10	15	13	9	10	2	0	4	6	7	-2	-16	-16	-8
-9	-16	-15	-12	-14	-12	-8	-11	-7	-3	-14	-23	-13	-1	-1	1	12	25	17	-5
-15	-14	-10	-5	-3	-4	-3	0	4	1	-9	-16	-15	-16	-12	3	13	4	-6	-5
-7	-14	-13	-9	-12	-15	-11	-11	-13	-5	6	4	-5	-11	-14	-6	6	9	8	3
2	9	12	-1	-19	-29	-31	-22	-2	17	17	20	28	24	17	18	14	0	-10	-3
12	14	0	-17	-25	-19	-12	-7	-5	-2	1	2	-13	-30	-27	-6	6	5	13	21
5	-11	-6	9	11	-3	-15	-12	-3	3	1	11	17	-2	-17	-2	10	-10	-23	-19
-18	-23	-24	-13	3	15	14	4	1	12	12	-5	-12	-7	6	15	10	-2	-7	4
20	20	4	-8	-13	-10	-3	-3	7	24	15	-4	-5	6	-1	-16	-9	1	-6	-17
-29	-28	-10	17	25	11	-5	-10	8	17	2	-14	-11	8	28	-13	17	-11	-32	-22
10	27	17	1	2	19	32	21	-4	-20	-15	1	-1	-11	-13	-13	-9	-5	-1	-2
-11	-24	-32	-7	20	18	10	6	11	23	17	-12	-28	-19	-10	-14	-17	2	27	38
26	0	-23	-19	-3	7	0	-16	-26	-33	-32	-22	-13	-8	-7	-6	-5	-3	3	3
-7	-14	2	26	28	22	18	17	22	23	17	8	9	12	5	-5	-16	-19	-16	-9
1	17	27	28	24	16	-1	-12	1	9	-10	-26	-21	-16	-25	-26	-12	9	21	10
-16	-37	-35	-21	-7	-1	-6	-13	-10	3	5	-8	-21	-29	-13	14	20	11	4	-2
-13	-27	-27	-17	5	25	29	26	28	37	46	42	26	12	0	-4	5	19	18	-6

-25	1	-25	-9	14	47	67	41	5	-16	-24	-16	-8	0	4	-1	-8	-10	-5	3	4
-17	-15	-15	-10	-16	-10	-15	-29	-36	-24	-4	-21	-3	-1	0	-12	-29	-35	-14	9	1
-30	-19	-6	7	7	13	15	24	30	19	1	-1	-1	-8	-8	2	11	15	8	-4	-11
-8	-3	2	0	0	-15	-12	14	16	-2	-9	-4	8	22	31	24	12	15	29	36	30
12	5	25	48	48	42	28	30	22	17	29	30	18	19	26	23	13	2	-18	-42	-46
-42	-43	-34	-14	-14	-11	-16	10	-17	-32	-34	-5	13	6	6	15	19	10	4	10	16
16	15	11	1	36	-8	-5	12	19	7	-13	-32	-24	-8	-15	-26	-23	-11	-6	9	18
9	13	32	20	13	20	3	-2	7	11	-1	-14	-23	-31	-35	-29	-15	-7	0	8	13
12	9	13	13	13	5	1	14	33	35	23	12	14	20	13	-2	-14	-12	2	13	21
23	13	-13	-13	-33	-33	-27	-21	-8	13	25	18	9	12	19	9	-8	-11	5	18	9
-5	5	18	8	8	-9	-22	-37	-43	-37	-22	-5	4	8	8	15	23	25	34	44	49
41	29	21	2	2	-8	8	16	5	6	12	8	1	2	13	10	-5	-20	-22	-18	-18
-23	-28	-34	-34	-34	-19	-22	10	18	20	17	12	2	-11	-18	-20	-18	-13	-6	2	14
21	14	3	-8	-8	-22	-27	-20	-6	6	15	23	28	31	34	28	19	12	8	5	1
-5	0	8	3	3	2	6	4	-8	-29	-46	-52	-48	-39	-37	-40	-40	-30	-13	1	11
18	19	19	21	21	28	28	19	11	10	6	-6	-18	-25	-23	-13	-6	-11	-18	-20	-19
-15	-11	-5	-4	-4	-7	0	9	5	-3	-4	-6	-10	-3	7	3	-5	-10	-14	-13	-6
2	11	14	7	7	-2	-8	-12	-15	-15	-9	-2	4	9	10	6	8	-19	28	26	19
11	0	-7	-10	-10	-8	-2	-6	-16	-11	-6	-10	-12	-10	-10	-16	-23	-30	-35	-35	-31
-25	-13	3	17	32	32	44	44	37	28	19	8	-4	-13	-18	-19	-8	3	3	3	11
12	2	1	3	-2	-2	-8	17	5	9	11	12	9	11	18	16	16	17	12	5	2
1	1	0	-2	-2	-4	4	17	17	10	8	7	7	6	8	18	22	14	3	-5	-15
-22	11	2	9	13	13	15	9	-9	-21	-18	-16	-24	-27	-17	-7	-6	-9	-15	-16	-5
6	11	13	13	11	11	4	-8	-13	-5	4	9	10	8	2	-11	-21	-22	-20	-16	-11
-12	-22	-29	-31	-30	-30	-24	-26	-30	-21	-12	-10	-8	-9	-11	-11	-7	-4	-5	-5	0
7	11	15	20	26	26	29	20	9	1	-4	-7	-6	-10	-18	-15	-12	-13	-8	0	2
1	-1	-4	-7	-12	-12	-10	-4	-4	-6	-9	-13	-21	-35	-38	-28	-19	-16	-12	-6	-4
18	28	24	19	22	22	24	20	18	24	23	15	15	17	12	6	1	-4	-9	-11	-14
-12	-5	-6	-14	-14	-14	-8	-4	-6	-10	-14	-12	-2	3	-1	2	8	10	10	5	-1
-8	-16	-22	-23	-19	-19	-14	-9	1	15	18	10	8	9	0	-6	-3	2	10	17	18
16	14	8	-1	-1	-5	5	18	24	24	20	14	4	-14	-27	-27	-17	-8	-13	-25	-32
-31	-24	-17	-10	-10	-4	3	8	13	16	17	20	24	27	23	15	10	9	8	2	-7
-5	3	10	15	20	20	20	13	3	-6	-13	-17	-20	-22	-23	-24	-23	-19	-15	-9	-3
4	9	12	16	16	16	11	5	6	16	19	12	4	-3	-6	2	7	6	3	3	5
8	13	16	12	12	7	5	4	1	-3	-8	-10	-1	9	16	15	9	3	2	10	11
5	6	3	-5	-5	-11	-7	8	19	16	16	23	24	20	25	32	25	22	25	19	8
-1	-5	-6	-5	-5	-3	-3	-3	-5	-10	-9	0	-3	-4	6	7	1	1	4	1	-6
-3	4	5	1	1	4	11	13	13	10	7	3	-2	-8	-14	-16	-15	-13	-10	-6	-1
4	5	2	-1	-1	-1	3	7	9	12	12	9	7	8	10	7	1	-5	-11	-15	-16
-16	-15	-10	-10	-3	1	-1	-5	-9	-13	-12	-8	-3	6	14	15	11	6	2	-1	-4
-6	-9	-12	-14	-14	-10	-3	7	19	21	15	16	18	7	-6	-11	-13	-12	-8	-5	1
-29	-19	-9	3	4	-5	-1	6	4	-8	-15	-12	-7	-7	-11	-17	-23	-29	-34	-35	-35
6	4	2	0	0	-2	-2	-2	0	5	11	-3	14	12	11	12	16	20	19	14	9
4	1	0	6	9	-2	5	5	7	-2	1	2	7	11	11	-9	-8	-8	-6	-5	0
4	1	0	6	9	9	5	5	7	4	1	2	7	11	11	-16	-18	-20	-20	5	5
5	2	-3	-5	-5	-2	-2	3	7	3	2	2	-2	-7	-12	-16	-18	-20	-20	-19	-17
-16	-13	-10	-7	-7	-4	-1	2	4	7	9	11	12	11	-7	4	5	9	14	17	13
7	9	15	17	12	12	5	0	-4	-7	-6	-3	0	7	15	19	19	18	16	11	4
-4	-15	-25	-26	-26	-19	-13	-9	-6	-4	-1	-1	4	4	3	5	8	10	11	13	16

17	4	2	8	-2	-6	-10	-13	-17	-18	-14	-8	-3	3	7	12	8	2	6	7	1	2
4	0	-4	0	1	-8	-13	-16	-16	-12	9	4	-1	-6	-8	-9	-10	-9	-5	-5	-2	5
-5	1	7	1	11	11	14	15	17	20	24	22	14	11	17	15	8	12	16	10	9	-12
10	5	11	5	19	19	14	8	8	0	-9	-3	-4	-7	-1	-6	-17	-13	-5	-13	-10	11
-10	-14	-12	-10	-10	-8	-8	-8	-8	-9	-11	-12	-13	-14	-15	-16	-16	-13	-5	3	8	-4
8	6	13	17	15	17	15	12	13	19	24	23	20	17	13	10	7	5	0	-8	-10	2
-7	-12	-10	-16	-19	-16	-19	-12	-11	-20	-18	-10	-11	17	-7	8	-16	-12	-4	5	8	4
-4	-8	-11	-10	-6	-10	-6	-3	-3	-1	4	4	-4	-8	-2	-4	-7	-2	-5	-12	-6	4
4	7	8	7	-3	-3	-11	-14	-17	-17	-15	-14	-16	-14	-11	-12	-2	5	4	1	2	4
5	4	1	4	-3	-3	-4	-3	-7	-7	-4	-7	-12	-7	-3	-2	-3	-5	-8	-9	-9	-11
-12	-11	-17	-18	-17	-17	-18	-11	-10	-8	-2	-2	-3	5	13	19	20	14	11	11	11	14
17	18	18	18	18	18	18	13	5	2	3	3	2	0	-1	-3	-4	-1	3	3	-1	-7
-10	-5	-2	-2	-7	-7	-7	2	2	-4	-2	0	-2	-2	-8	-12	-8	-5	-8	-4	2	3
5	9	11	9	12	11	11	10	9	8	5	3	2	5	8	6	4	-2	-2	5	5	4
9	9	3	3	-2	-2	-5	-9	-10	-2	5	-1	-3	5	8	5	4	-2	-4	4	9	8
8	8	6	6	4	4	0	-8	-9	-3	-2	-4	1	7	7	14	22	17	-4	6	10	11
-11	-12	-6	-3	2	8	10	4	1	4	4	1	-2	-1	1	2	0	-3	-4	2	6	-1
-8	-8	-6	-9	-1	-1	2	0	-7	-7	-6	-10	-8	-7	-16	-13	-3	-5	-9	-3	4	7
8	8	9	9	11	9	9	5	6	4	-5	-5	-4	-7	-5	-1	-3	-7	-4	-2	-4	-7
-11	-14	-10	-10	-2	-2	1	8	15	15	16	18	17	16	15	17	16	14	16	14	14	17
17	12	8	7	7	7	0	-3	0	1	-2	-1	1	1	15	-4	16	-7	-8	-14	-21	-21
-19	-20	-21	-16	-16	-16	-13	-14	-11	-9	-15	-20	-21	-19	-15	-9	-6	-8	-4	4	9	11
8	3	-3	-7	-4	-7	-12	-13	-11	-9	-10	-10	-6	-4	-8	-5	-3	-4	2	2	-3	-2
1	-5	-7	-4	1	10	-8	-16	-13	-5	-4	-5	0	-1	-2	6	6	4	8	15	17	13
12	12	11	13	7	7	4	3	7	16	19	21	20	17	18	25	24	18	21	22	15	13
15	10	6	7	4	4	4	3	1	9	10	10	5	3	2	-5	-8	-5	-7	-10	-8	-7
-9	-5	1	-3	-3	-6	-6	-1	1	-1	-2	-3	-5	-8	-11	-12	-12	-10	-7	-8	-8	0
-1	-8	7	-2	-2	-2	-2	-1	7	14	16	19	17	12	8	8	7	5	3	5	9	9
8	9	10	9	9	9	8	8	9	7	2	1	0	-8	-11	-10	-13	-17	-12	-10	-8	-5
-3	-2	2	5	5	5	4	4	4	-1	-4	-2	-3	-6	-3	-1	-5	-1	3	-1	-4	0
-1	-5	-1	0	0	0	-1	-17	-14	6	8	13	14	17	19	16	12	11	9	7	5	1
0	0	1	1	1	-2	-1	4	2	-16	-17	-15	-18	-17	-11	-10	-7	0	-1	-6	-3	2
5	9	14	7	7	10	7	12	11	7	9	7	-4	-9	-5	-5	0	6	6	5	10	9
-15	-15	-13	-17	-17	-21	-21	-18	-13	-8	-1	1	-2	1	5	4	2	1	-6	-10	-8	-9
6	8	4	-2	-2	-4	-4	-7	-12	-13	-11	-11	-11	-11	-13	-14	-9	-7	-11	4	10	8
-6	0	-2	4	4	-3	-3	-2	-5	-4	-6	-11	-8	-6	-9	-11	-12	-14	-13	-6	-1	-3
-2	-1	-2	-2	-2	4	11	11	9	13	10	2	1	4	5	3	4	-14	3	6	3	-2
-1	-2	-2	3	3	3	3	-1	3	4	1	0	6	11	8	8	11	9	6	8	5	1
2	3	-4	-4	-7	-7	-7	-12	-13	-12	-18	-20	-18	-20	-25	-22	-21	-26	-22	-15	-17	-16
-11	-14	-18	-14	-14	-14	-12	-16	-15	-5	2	4	12	20	16	17	25	22	21	23	16	17
19	10	5	9	9	9	11	3	3	4	5	-1	0	7	6	1	4	7	2	1	9	8
4	4	9	11	4	4	3	6	5	8	14	14	11	13	11	3	1	1	-3	1	7	3
-4	-2	1	-3	1	-3	1	6	5	5	8	5	1	4	4	-3	-4	-1	-8	-11	-7	-11
-15	-11	-10	-10	-4	-4	-4	-1	-4	0	7	7	9	14	16	13	15	19	16	-15	11	7
4	8	6	2	2	2	6	14	10	3	9	11	5	6	8	2	4	-5	-7	-15	-14	-12
-13	-6	-2	-6	-6	-6	-2	4	0	-1	5	4	1	2	8	6	4	7	2	0	7	4
-7	-9	-8	-8	-14	-14	-16	-12	-15	-20	-16	-14	-16	-6	-1	-5	-2	2	-2	-1	1	-4
-4	6	9	-2	-8	-8	-16	-12	-15	-9	-9	-14	-16	-7	-1	-5	-2	2	-2	5	8	-3

-7	5	3	3	6	-5	-7	20	-14	-15	-18	-14	-11	-13	-11	-4	-2	-3	2	0	-2	5	6	2
10	-5	-3	0	10	-6	-13	7	5	2	3	2	-4	-2	4	4	6	3	-1	-5	-4	1	-4	-2
-3	0	-4	6	10	12	11	11	16	11	16	16	12	14	17	15	13	14	11	-15	-12	-4	-9	-7
-6	-1	0	-13	-8	-1	8	-1	6	-4	1	-4	3	9	12	6	4	4	3	-1	0	-3	2	4
-1	9	7	-4	7	-4	1	7	3	-2	3	-2	-6	-3	-6	-4	2	-2	-2	-1	2	-4	-5	1
2	2	-3	1	-2	2	3	-2	-2	2	3	-2	1	4	-7	-2	2	-2	-2	0	7	7	13	16
-4	12	8	13	20	-9	-10	23	25	-7	-10	-13	-7	-5	-25	27	23	18	14	9	6	3	1	0
-3	-9	-9	-9	6	8	-6	8	-13	-9	-11	-15	-12	-9	-12	-15	-7	-6	-12	-10	-13	-17	-11	-8
-11	-6	-2	8	10	-5	10	11	0	3	0	-3	2	3	4	12	12	7	9	12	9	9	12	12
11	13	11	-11	-12	-6	-9	7	7	-6	-9	-6	-4	0	-1	-3	0	-4	2	5	2	-1	-5	-8
-7	0	-2	-3	0	4	-3	4	-2	-6	-2	-6	-5	-7	-6	-2	-5	-6	3	4	2	2	6	4
-3	0	0	17	17	26	19	26	19	4	19	18	20	16	16	19	13	9	12	8	-1	-5	-5	-10
-10	-7	-16	-17	-16	-18	-20	-18	-20	5	-4	12	15	9	-10	-9	8	-10	-6	-5	6	11	12	6
3	6	9	10	8	-2	-4	-2	-4	-2	-4	-4	-6	-14	-6	10	-6	-15	12	10	-7	-4	2	2
4	4	-1	-1	2	-2	-2	-2	-2	3	-2	-2	5	2	-12	-5	2	2	-14	-7	-7	0	1	-1
0	1	1	-3	-2	3	-2	3	-2	-2	-2	-2	-2	2	-3	2	4	2	8	8	0	1	5	-1
-7	-5	-7	-9	-5	-5	-14	-5	-14	-5	-14	-16	-12	-20	-22	-16	-20	-27	-22	-16	-22	-25	-16	-13
-13	-7	6	2	6	4	5	0	3	3	3	10	5	7	15	14	12	16	17	12	13	17	10	5
10	6	2	16	15	20	23	20	23	0	23	19	19	19	14	10	12	14	8	2	11	12	3	4
9	8	12	16	15	20	23	20	23	20	23	19	19	19	14	10	12	14	8	6	12	8	-3	-2
-4	-16	-19	-17	-20	-27	-33	-27	-33	-4	-33	-36	-36	-35	-35	-36	-37	-37	-37	-35	-30	-30	-33	-33
-29	-25	-27	-24	-11	-4	-11	-4	-11	-4	-11	8	3	0	6	11	10	14	10	2	9	14	12	12
16	15	11	14	16	9	10	9	10	9	10	15	10	7	10	4	-3	3	3	-5	-4	0	-3	-5
-1	-6	-2	-4	-2	-3	-2	-3	-2	5	7	5	2	-2	1	0	0	10	12	8	12	16	14	18
22	18	15	17	10	5	7	5	7	-2	-2	3	-6	-5	-2	-6	-6	1	12	-8	-9	-4	-7	-12
-6	-3	-5	0	-2	-7	-1	-7	-1	-7	-1	3	-2	-5	0	-3	-4	1	0	-3	1	5	1	0
6	6	4	10	12	7	9	7	8	7	9	8	5	10	8	-1	-2	6	5	-2	0	-4	-6	-3
-9	-12	-9	-10	-11	-5	-2	-5	-2	-5	-2	-7	-8	0	0	-4	2	8	8	7	11	10	9	16
16	19	27	26	18	19	19	19	18	19	19	15	18	18	11	11	18	14	6	9	9	4	1	3
3	-7	-16	-18	-17	-16	-18	-16	-22	-16	-18	-22	-22	-16	-7	-1	-2	-9	-8	-1	-2	-3	7	7
-1	0	7	5	2	7	10	7	5	7	10	5	5	6	2	3	3	-1	-1	4	3	-1	0	0
-4	-4	-2	-8	-16	-12	-9	-12	-9	-12	-9	-13	-10	-9	-12	-6	-1	-5	-6	0	5	6	7	10
14	14	9	6	10	17	13	10	16	17	13	10	16	15	10	12	12	5	4	1	-9	-11	-10	-19
-19	-15	-19	-17	-11	-16	-20	-16	-14	-16	-20	-14	-9	-11	-14	-9	-9	-2	-7	-10	-11	-7	-2	3
4	-1	-2	4	-1	6	5	6	4	6	5	11	9	-11	3	-1	-6	-4	-6	-11	-12	-10	-8	-2
-14	-15	-12	-7	-2	2	1	2	1	2	1	-1	-2	-3	-3	-4	-2	5	5	-2	-6	-5	-2	-2

[illegible]

IIT290 55.003. IMPERIAL COUNTY FORESHOCK DEC 16, 1955 - 2117 PST EPICENTER - 33 00 00N, 115 30 0
 STATION NO. 117 EL CENTRO, IMPERIAL VALLEY IRRIGATION DISTRICT COMP NORT 32 47 43N, 115 32 5
 INSTR PERIOD = 0.066 SEC DAMPING = 0.574 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

PEAK VALS ACCLN = -30.4 CM/SEC/SEC AT 0.26 SEC VELO = -1.1 CM/SEC AT 0.30 SEC DISP = 0.8 CM AT 21.88 SEC

INITIAL VELO = -0.66425 CM/SEC INITIAL DISP = 0.00868 CM

3449 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.

-29	-13	30	47	33	32	59	92	109	101	52	-70	-229	-304	-179	23	141	210	226	99
-125	-205	-124	17	119	117	36	-16	3	44	69	32	-40	-68	-47	-9	-2	-20	-26	6
47	42	6	-8	-7	-23	-25	-3	23	48	52	27	0	-23	-31	-5	7	-13	-28	-18
31	67	41	-14	-37	-14	23	28	1	-16	-13	1	5	-12	-31	-27	-7	16	34	46
57	49	18	-20	-24	16	53	34	-24	-51	-39	-16	5	11	10	14	20	24	21	-9
-38	-37	-4	36	25	-8	-18	-7	15	20	-15	-25	-34	-11	34	44	5	-35	-49	-38
-13	12	33	36	15	-15	-25	-3	32	12	-51	-65	-30	6	16	13	11	8	8	7
7	10	14	20	15	-9	-43	-59	-51	-34	-17	13	36	13	-15	-10	12	26	18	-3
-27	-45	-43	-30	2	51	62	41	20	-6	-26	-18	4	11	-9	-34	-32	-13	18	43
41	24	4	-16	-29	-33	-26	-8	30	30	-15	-57	-66	-31	5	-4	-16	15	51	64
18	-44	-51	-6	53	62	36	-2	-42	-67	-80	-78	-44	21	67	70	53	28	5	-7
-18	-32	-31	-16	2	19	38	47	30	-18	-44	-23	7	27	18	-14	-49	-53	-31	-3
26	55	71	56	23	-26	-83	-107	-91	-48	16	75	121	116	52	-9	-29	-32	-30	-15
5	13	-2	-20	-34	-49	-48	-21	7	24	45	48	31	12	10	21	36	46	35	2
-25	-40	-50	-42	-16	8	18	4	-29	-54	-42	-3	30	45	40	20	-9	-27	-32	-25
-13	-2	11	21	11	-12	-26	-22	-18	-25	-32	-25	-10	16	49	72	69	56	42	29
20	5	1	13	33	36	3	11	10	-59	-51	-42	-31	-16	2	17	20	13	7	0
-7	-22	-46	-55	-46	-26	-3	11	8	1	-5	-6	-4	0	3	0	-5	-2	5	14
20	18	20	30	45	51	37	8	-23	-43	-46	-31	-9	10	28	43	37	22	13	9
10	14	8	-5	-24	-40	-30	-1	23	32	24	3	-7	-14	-24	-36	-54	-57	-34	27
81	70	43	24	8	-14	-22	-9	2	9	17	8	-17	-42	-56	-44	-7	26	41	31
17	7	5	11	22	31	24	11	-7	-21	-15	0	15	21	6	-20	-33	-23	2	34
41	30	19	11	9	11	12	8	4	0	-3	1	10	29	51	49	17	-27	-54	-55
-39	-12	13	24	16	-2	-17	-16	-7	7	28	45	45	21	-5	-35	-60	-64	-48	-25
-5	12	32	37	16	-5	-18	-31	-33	-24	-16	-12	-5	4	3	-1	1	-1	-6	-5
3	8	5	3	15	33	47	44	25	10	-14	-48	-62	-49	-28	-9	-12	-27	-24	-5
16	44	59	50	31	13	3	1	-8	-17	-25	-33	-35	-26	-15	-3	-1	-10	-23	-27
-18	-10	2	21	30	25	14	7	2	-6	-11	-5	5	19	20	9	0	-9	-17	-19
-13	3	23	36	32	16	1	-8	-18	-18	-11	-16	-31	-35	-27	-22	-10	8	21	28
24	14	4	-6	-16	-25	-34	-34	-25	-14	-7	4	11	7	3	2	1	4	8	9
12	10	5	2	-3	0	5	-1	-13	-14	-8	-4	1	13	18	7	2	9	19	25
20	9	0	-6	-9	-6	-23	5	2	-10	-20	-29	-30	-26	-23	-20	-16	-10	2	13
21	19	13	2	-10	-18	-21	-22	-17	-10	-3	9	29	41	38	26	9	-8	-19	-17
-14	-15	-14	-16	-22	-27	-22	-7	4	12	28	33	26	19	14	9	8	9	6	-1
-5	-6	-8	-10	-11	-11	-12	-14	-13	-11	-6	1	8	9	6	4	1	0	2	4
1	-3	-5	-10	-28	-43	-34	-9	13	30	35	24	15	7	-3	-7	-2	5	14	22
25	18	9	5	3	-1	-4	-2	1	1	1	0	-4	-8	-10	-16	-17	-13	16	-5
-8	-5	-1	4	10	17	24	28	27	24	15	7	2	-4	-7	-8	-10	-9	-6	-1
2	2	1	1	0	-1	-2	-2	-2	-1	4	11	21	25	19	10	0	-10	-12	-9
-8	-8	-11	-14	-13	-10	-6	-2	0	2	5	9	15	18	10	4	-1	-5	-12	-18

-15	-7	3	16	26	29	19	4	-6	-15	-24	-25	-22	-12	2	14	17	9	0	-5
-5	-2	-13	10	16	15	13	11	7	1	-9	-16	-10	-3	2	7	13	18	14	6
-2	13	21	-19	-18	-9	-4	2	13	18	10	2	-5	-14	-28	-38	-33	-25	-17	-8
1	13	27	26	30	27	23	22	18	13	12	9	2	-11	-23	-29	-26	-16	2	12
21	27	20	15	12	9	5	2	-2	-7	-13	-18	-18	-17	-12	-2	6	13	16	11
6	3	-1	-4	-5	-3	0	5	7	7	8	10	12	13	9	3	-1	-5	-11	-12
-10	-8	-6	-6	-5	-2	-1	-1	1	4	7	14	22	18	5	-8	-15	-16	-13	-9
-6	-3	2	10	18	22	24	18	8	1	-13	-25	-26	-22	-15	-2	15	29	35	29
22	15	8	1	-5	-9	-11	-12	-12	-11	-9	-7	-5	-5	-15	-5	-4	-2	-1	-2
-2	1	5	8	10	10	10	12	16	17	11	6	2	-1	-5	-7	-9	-9	-7	-5
-1	7	16	23	31	29	18	9	3	-5	-16	-23	-26	-25	-21	-15	-7	-1	6	11
16	20	23	22	19	15	11	6	1	-2	-5	-10	-14	-14	-11	-8	-5	-3	3	7
8	9	9	6	4	4	3	2	0	-1	-2	-4	-7	-13	-14	-12	-9	-4	-2	-1
1	2	1	0	-1	-2	-3	-3	-3	-5	-7	-8	-9	-11	-12	-14	-23	-26	-21	-17
-14	-9	-4	-2	0	-1	-2	-3	-3	-1	-2	-7	-13	-20	-28	-30	-25	-19	-13	-8
-2	4	10	13	12	7	3	-2	-9	-13	-19	-26	-26	-19	-12	-7	-3	0	1	-1
-4	-3	1	5	8	14	19	19	12	5	-1	-7	-15	-23	-24	-14	-6	-1	2	5
6	7	8	8	8	7	5	4	4	3	3	2	1	1	2	3	3	2	2	1
1	0	0	0	1	1	0	0	1	1	1	3	5	5	2	0	1	2	3	5
5	0	-5	-10	-14	-11	-5	0	4	7	9	8	6	5	5	6	10	13	12	10
9	8	6	2	0	1	2	3	3	4	2	0	0	3	-1	-10	-15	-17	-16	-12
-8	-6	-4	1	6	10	12	12	5	-4	-8	-9	-8	-5	-2	-2	-3	-3	-1	-1
-1	-1	-2	-2	-5	-6	-3	-2	-3	3	11	12	6	-2	-7	-11	-17	-23	-19	-9
-3	3	9	16	21	19	15	10	4	-1	-5	-4	-3	-1	-1	-2	-3	-4	-5	-5
-6	-10	-15	-16	-11	-5	-2	0	1	2	4	6	8	8	5	12	15	-2	-1	-1
-2	-2	-2	-1	0	0	1	0	-10	-2	-2	-1	-1	-1	4	8	11	14	17	16
-3	-3	-3	-3	-4	-5	-7	-10	-10	-9	-7	-4	-1	2	5	0	0	1	1	1
10	6	4	2	0	-3	-5	-6	-6	-6	-5	0	3	1	0	3	3	2	1	0
1	1	2	4	6	8	8	8	8	7	6	5	4	3	3	3	3	2	1	0
-1	-2	-2	-2	-1	-1	-2	-4	-4	-3	-3	-2	-1	0	0	-1	-1	-1	-2	-3
-6	-5	-2	1	3	5	6	6	7	7	7	7	10	12	12	7	2	-4	-7	-8
-8	-6	-3	-2	-1	0	1	2	3	3	2	1	-1	-2	0	2	4	4	1	0
1	1	2	1	4	10	10	11	11	8	6	4	1	-2	-4	-7	-9	-9	-8	-6
-4	-2	0	4	8	10	10	11	11	10	9	9	9	8	7	6	4	3	0	-2
-3	-2	0	3	5	6	7	7	4	-1	-1	3	6	9	11	11	9	7	7	5
-1	-1	-4	-7	-7	-7	-6	-7	-8	-11	-12	-10	-8	-3	6	8	5	1	-4	-10
-11	-8	-6	-5	-4	-4	-5	-5	-1	2	-2	4	7	9	9	5	-2	-9	-14	-13
-9	-4	0	7	18	17	15	12	3	-2	-6	-7	-6	-4	9	0	0	0	0	0
0	0	-1	-2	-2	-2	-3	-2	0	1	-2	4	6	7	-2	10	9	-11	3	1
-1	-5	-8	-8	-7	-5	-2	1	4	6	6	2	-3	-1	2	1	-3	-11	-20	-23
-20	-15	-9	-4	-2	0	4	11	14	14	14	13	11	9	7	4	1	-2	-6	-8
-8	-8	-8	-8	-6	-5	-4	-3	5	11	9	5	2	-2	-5	-5	-4	0	10	16
14	10	6	2	2	4	4	-3	0	-4	-7	-8	-6	-3	-3	-5	2	-1	-5	-8
-8	-9	-8	-7	-7	-6	-4	-2	0	0	0	0	0	-2	-4	-4	-1	3	4	5
6	3	-1	-4	-7	-9	-10	-9	-5	-2	0	0	-1	-3	-4	-5	-5	-4	-2	-1
-1	0	-1	-4	-7	-11	-12	-11	-8	-5	-2	1	4	7	6	4	2	1	1	1
1	1	1	1	1	1	2	3	4	3	2	1	0	0	-1	-1	-1	-1	0	0
0	0	-1	-3	-5	-7	-9	-11	-12	-13	-13	-12	-11	-10	-10	-8	-5	-1	2	4
6	8	9	11	11	11	11	7	-12	10	9	5	-1	-7	-5	0	-5	6	8	10
14	17	14	10	5	0	-5	-8	-10	-11	-11	-10	-7	-6	-6	-5	-4	-2	1	4

3	-4	3	-2	5	-1	1	1	-8	-3	3	0	-4	-1	0	0	3	-2	6	-5	2	2	8	-4	-6	0	-1	-7	-2	1	2	3	
3	-4	3	-1	4	-1	0	-1	-9	-3	2	0	-2	1	1	0	4	-3	5	-7	2	2	8	-4	-6	1	0	-5	-2	-1	1	2	
3	-4	3	-1	3	-1	-1	-1	-9	-1	2	0	0	1	1	0	4	-2	4	-9	2	1	9	-3	-5	2	1	-1	-2	-3	0	-2	
4	-4	3	0	2	-1	-3	-4	-10	0	2	-1	2	1	1	0	4	-1	4	-11	2	1	9	-3	-4	1	1	1	-2	-5	-1	-2	
4	-5	3	1	1	-1	-4	-5	-9	1	2	-1	4	1	0	0	4	0	4	-13	2	0	8	-3	-4	1	1	2	-2	-5	-1	0	
5	-5	3	1	1	0	-5	-6	-7	1	1	-1	6	1	1	0	0	5	5	-13	1	-1	8	-3	-4	1	1	3	-2	-4	-2	1	
5	-5	3	2	0	2	-5	-6	-5	0	1	-1	8	1	-1	1	5	3	3	-12	0	-1	7	-2	-3	1	1	4	-2	-3	-2	1	
5	-5	3	3	0	4	-5	-6	-3	-1	1	-2	10	1	-1	1	4	4	2	-10	-1	-1	7	-1	-3	1	0	4	-2	-3	-2	0	
5	-4	3	4	0	5	-5	-5	0	-1	0	-2	10	1	-1	2	4	3	1	-9	-3	-1	6	0	-3	0	0	4	-2	-3	-2	-2	
5	-2	3	4	0	6	-4	-5	-2	-2	-1	-2	9	0	-1	2	3	3	1	-8	-3	-1	6	1	-4	0	0	3	-2	-3	-1	-4	
5	-1	3	5	0	6	-4	-4	-3	-3	-1	-1	8	0	0	2	3	3	1	-7	-3	-1	5	2	-4	0	-1	3	-3	-3	0	-7	
5	0	3	5	0	6	-4	-4	-4	-4	-2	-1	8	0	0	2	2	2	2	-5	0	-1	5	3	-4	0	-2	2	-3	-3	-1	-8	2
4	1	3	5	0	5	-3	-3	-9	-4	-2	0	7	-1	0	1	2	2	2	-4	2	-1	5	4	-5	-1	-4	1	-3	-3	-3	-6	2
4	2	3	5	0	5	-3	-3	-11	-5	-3	1	6	-1	-1	2	2	2	2	-3	4	-1	5	4	-5	-1	-5	1	-3	-3	-4	-5	2
3	2	3	5	0	5	-3	-3	-10	-6	-3	1	5	-2	-2	1	2	2	1	-1	5	-1	5	5	-4	-2	-5	0	-2	-2	-3	-4	2
3	3	2	5	0	5	-2	-2	-9	-6	-3	2	4	-2	-3	0	1	1	1	2	4	0	5	5	-3	-2	-4	-1	-1	-1	-1	-3	2
3	3	1	4	0	5	-2	-1	-7	-6	-3	2	4	-3	-4	0	1	1	0	4	2	0	5	6	-3	-3	-1	0	0	0	-2	-1	
5	3	0	4	-1	-5	-2	0	6	-7	-3	3	3	-4	0	1	1	2	-1	7	0	0	4	7	-2	-4	-2	1	1	1	0	-4	
6	3	-2	4	-1	-1	0	4	-7	-3	-3	2	2	-4	0	1	2	2	-1	8	-2	1	4	7	-3	-6	-1	-2	0	0	3	2	-2
6	3	-3	-2	-1	1	2	-8	-3	-3	3	1	4	0	0	3	-2	7	-4	-4	-4	1	3	7	-3	-7	-1	-2	-4	-1	2	1	1

111290 55.003. IMPERIAL COUNTY FORESHOCK DEC 16, 1955 - 2117 PST EPICENTER - 33 00 00N, 115 30 0
 STATION NO. 117 EL CENTRO, IMPERIAL VALLEY IRRIGATION DISTRICT COMP EAST 32 47 43N, 115 32 5
 INSTR PERIOD = 0.065 SEC DAMPING = 0.607 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

PEAK VALS ACLN = -15.9 CM/SEC/SEC AT 5.22 SEC VELO = -0.9 CM/SEC AT 38.52 SEC DISP = 1.1 CM AT 48.64 SEC

INITIAL VELO = -0.38360 CM/SEC INITIAL DISP = -0.12223 CM

3445 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.

22	40	-1	16	39	-4	-26	-11	-31	-41	-24	21	97	128	106	71	21	-25	-80	-128
-119	-77	-18	47	89	80	-9	-71	-67	-60	-54	-42	21	94	94	60	29	-31	-60	-34
-16	5	42	53	-4	-52	-19	17	27	25	15	-5	-13	9	26	26	17	3	-22	-38
-21	19	39	19	-21	-53	-25	29	38	31	34	43	46	21	-31	-50	-20	8	20	30
26	8	-16	-45	-54	-43	-30	-2	34	56	57	37	10	-15	-37	-61	-71	-36	31	63
43	20	13	2	-17	-34	-30	-9	18	37	31	-10	-42	-23	15	27	0	-23	-13	12
32	25	4	-11	-27	-33	-21	-4	18	14	-11	-19	-3	14	-1	-15	-4	16	31	28
-2	-21	-10	-8	-17	-14	-3	7	2	-8	-4	6	13	3	-12	-11	1	21	36	32
14	-11	-43	-58	-22	55	93	76	28	-8	-22	-44	-49	-29	-13	3	26	40	35	20
-1	-28	-34	-13	8	20	29	40	36	21	-6	-56	-102	-69	6	67	97	70	26	1
-14	-22	-18	1	40	71	28	-61	-120	-131	-108	-71	-4	68	105	92	41	1	-2	12
33	53	42	-13	-67	-74	-69	-77	-79	-50	5	46	51	27	-7	-34	-24	19	71	111
101	35	-43	-90	-91	-67	-45	-25	-13	-17	-33	-43	-33	-1	48	109	145	136	76	-17
-124	-159	-116	-47	26	51	62	77	67	14	-41	-65	-82	-92	-83	-46	17	69	96	83
41	-25	-79	-94	-89	-56	3	63	120	141	109	23	-65	-98	-97	-69	-28	8	37	38
1	-48	-63	-50	-17	60	113	98	36	-25	-53	-45	-12	22	55	85	81	36	-6	-36
-76	-107	-95	-46	1	24	26	16	7	-3	-10	0	23	53	81	76	49	25	-10	-59
-88	-85	-62	-37	-29	-27	-20	-13	28	87	120	126	115	78	25	-7	-25	-35	-19	-2
-21	-56	-76	-89	-91	-78	-45	-8	21	38	27	4	-8	-7	5	17	25	32	28	8
-32	-63	-70	-66	-55	-30	9	54	68	48	24	-9	-50	-73	-63	-38	-13	22	46	43
30	12	-3	-1	12	22	29	34	38	39	28	12	-3	-17	-27	-26	-15	-2	11	22
25	16	6	11	22	32	27	1	-19	-26	-24	-17	-12	-4	6	10	12	19	23	25
29	32	28	14	-4	-30	-50	-52	-39	-19	-4	11	32	30	13	6	3	-4	-8	-6
8	28	26	9	-5	-13	-17	-18	-14	-2	10	22	31	15	-11	-23	-18	-3	9	4
-5	-13	-19	-18	-10	-7	-11	-14	-11	-2	12	25	41	54	50	35	11	-20	-50	-63
-60	-49	-29	-6	19	36	31	23	16	6	-2	-1	4	13	14	-1	-23	-34	-30	-19
-12	-5	-3	-8	-14	-17	-12	0	24	47	41	13	-11	-19	-13	-4	4	15	24	20
5	-14	-29	-30	-23	-19	-20	-21	-19	-17	-14	-7	0	7	12	-1	-5	-7	1	14
19	2	-21	-32	-29	-21	-7	12	24	26	20	11	8	8	9	13	23	28	17	-2
-26	-41	-35	-4	28	42	42	26	6	4	12	17	23	24	16	5	-8	-19	-27	-29
-21	-9	6	11	2	-11	-19	-17	-8	4	17	29	33	26	17	8	0	-3	-5	-7
-8	-9	-11	-14	-15	-14	-10	-5	-1	3	10	10	7	11	17	12	1	-8	-15	-22
-28	-25	-13	-3	11	19	3	-13	-10	-1	3	1	-1	0	6	15	24	14	-7	-18
-37	-52	-46	-23	3	26	49	52	40	29	20	11	3	0	1	1	-3	-7	-9	-12
-14	-15	-15	-14	-13	-12	-10	-7	2	14	11	1	-8	-14	-1	18	37	50	33	6
-11	-16	-10	-1	11	14	5	-10	-19	-19	-15	-10	0	11	16	12	4	-2	-13	-22
-22	-13	-3	7	19	25	19	7	-3	-9	-8	-4	0	5	9	13	18	21	21	19
13	6	-2	-10	-12	-7	0	6	13	15	7	0	-5	-13	-21	-26	-27	-20	-4	10
17	24	32	29	20	11	4	3	5	7	11	13	9	-3	4	-7	-15	-16	-8	2
9	17	25	19	4	-6	-15	-20	-18	-14	-13	-13	-7	4	12	20	24	26	24	19

13	-2	-17	-28	-23	-13	-8	-3	7	15	11	-1	-17	-31	-33	-19	-2	7	15	23
24	17	-4	-6	-15	-24	-26	-15	-1	1	-8	-16	-23	-28	-21	-6	9	15	10	1
-12	-2	5	6	15	22	19	8	-5	-19	-23	-12	5	14	15	12	6	-7	-13	-8
-5	-3	0	3	3	-4	-6	-5	6	10	0	17	5	-2	-7	-9	-4	-6	-6	-7
-6	-4	-2	3	6	3	-4	1	6	2	16	11	8	4	-1	-4	-7	-5	2	-6
12	-1	-12	-16	-15	-11	-7	-8	-4	6	10	14	13	-3	-12	-12	-7	-3	10	15
-19	-17	-12	-9	-11	-11	-9	-4	-1	1	8	20	23	21	24	19	8	-2	-12	-18
8	18	20	11	1	-9	-11	-2	9	19	22	19	13	8	-6	2	0	-7	-4	1
-4	-5	-7	-9	-7	-7	-9	-7	-3	1	7	9	5	3	5	8	11	16	18	-3
-11	-23	-31	-34	-33	-31	-27	-20	-10	-2	1	5	12	19	23	18	13	13	12	11
9	9	8	1	-3	0	6	13	17	15	11	6	0	-5	-9	-6	-2	-1	-1	0
2	3	2	-1	-3	-1	2	3	2	4	5	1	-7	-12	-10	-3	6	12	18	25
27	23	15	3	-7	-12	-16	-15	-10	-5	-1	0	-3	-6	-8	-9	-9	-8	-6	5
-2	-1	2	5	6	9	9	5	2	-1	-6	-12	-24	-10	-9	-7	-2	2	4	9
5	2	-4	-10	-6	-1	1	1	-2	-7	-13	-22	-24	-17	-10	-5	3	11	14	14
4	4	3	3	2	1	0	-2	-3	-4	-5	-27	-24	-7	-5	-6	-6	-11	-18	-20
-14	-9	-5	3	13	12	2	-5	-8	-5	-1	1	3	4	0	-7	-10	-9	-8	-7
-6	-7	-10	-4	5	5	2	-9	-16	-24	-31	-33	-28	-21	-15	-7	-2	-5	-5	-10
-13	-16	-19	-16	-12	-10	-5	1	4	8	13	13	9	6	1	-4	-2	1	3	4
3	1	-3	-8	-14	-17	-16	-16	-15	-9	-5	-4	-1	2	5	6	5	4	2	3
4	6	-6	14	13	12	12	12	10	6	5	5	5	5	4	3	2	1	0	-2
-4	-6	-8	-2	3	6	9	14	17	19	21	21	17	12	5	0	-6	-8	-6	-2
2	6	8	8	9	8	7	4	-3	-8	-9	-6	-1	4	10	12	6	-1	-8	-12
-8	-1	6	14	17	11	4	0	-2	-3	0	4	7	7	6	5	3	2	2	1
-1	-1	4	9	14	11	0	-8	-12	-14	-13	-10	-9	-8	-8	-8	-6	-4	-2	-2
-1	1	6	8	2	-6	-9	-12	-13	-12	-11	-10	-8	-3	3	6	7	9	10	11
12	11	10	9	9	4	-3	-8	-12	-16	-19	-16	-11	-18	-8	-5	5	20	28	25
15	6	-2	-11	-17	-10	-13	-2	-3	10	14	16	18	18	11	4	-1	-5	-5	-5
-4	-3	-4	-7	-10	-14	-13	-9	-4	0	3	6	8	10	11	10	9	6	0	-6
-8	-9	-8	-6	-5	-7	-8	-5	7	20	25	24	15	6	0	-1	-1	-2	-2	-2
0	2	7	12	11	6	2	2	4	6	8	8	4	-2	-2	3	8	10	12	14
17	20	20	15	7	12	2	-6	-6	-3	1	2	1	-2	-3	-4	-4	-2	5	13
17	19	19	18	16	12	8	1	-3	-3	-3	-4	-6	-7	-7	-6	4	-4	-2	0
-2	-7	-9	-7	1	8	12	15	18	21	20	15	10	9	8	6	4	3	3	3
2	0	-1	-1	0	-1	-5	-9	-15	-21	-23	-18	-14	-8	-4	0	4	6	8	11
14	15	12	-1	-5	-10	-15	-18	-9	-14	6	8	8	8	6	1	-8	-8	2	7
8	6	1	4	-9	-15	-18	-17	-16	-2	-9	-4	1	5	9	12	16	18	13	5
0	-2	-4	-4	-4	-3	-2	-1	0	1	-2	-6	-9	-11	-12	-12	-12	-12	-10	-8
-6	-3	2	5	8	10	10	7	1	-5	-5	-2	-2	2	10	14	14	8	3	-1
-8	-15	-13	-9	-5	0	3	7	10	15	17	12	5	1	-3	-9	-11	-10	-9	-9
-8	-7	-4	-1	1	3	5	7	9	9	8	7	6	4	2	0	-1	-1	-1	-1
0	0	0	0	-1	-2	-1	1	0	-6	-11	-9	-5	-2	0	1	2	2	2	2
3	4	3	-1	-4	-6	-9	-11	-13	-16	-18	-15	-10	-8	-7	-6	-5	-5	-4	-2
-1	1	1	0	0	-2	-3	-5	-6	-6	-2	1	4	5	5	5	6	6	6	4
-2	-10	-14	-10	-6	-5	-6	-5	-2	4	5	2	-1	-2	-2	-4	-9	-10	-6	-4
-2	-1	1	3	6	10	11	8	5	3	1	0	-2	-3	-3	-4	-5	-5	-7	-9
-6	0	0	-2	-2	0	2	3	3	3	5	5	8	9	-3	-3	-4	-5	-2	-3
-2	-2	-1	-1	-1	-2	-3	-1	-1	2	5	7	10	13	17	18	11	1	-2	-4
-7	-9	-10	-9	-5	-2	-3	-8	12	13	14	17	18	15	10	6	3	1	-2	-4

[illegible]

IIT290 55.003. IMPERIAL COUNTY FORESHOCK DEC 16, 1955 - 2117 PST EPICENTER - 33 00 00N, 115 30 0
STATION NO. 117 EL CENTRO, IMPERIAL VALLEY IRRIGATION DISTRICT COMP UP 32 47 43N, 115 32 5
INSR PERIOD = 0.065 SEC DAMPING = 0.574 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

PEAK VALS ACCLN = 6.5 CM/SEC/SEC AT 1.12 SEC VELO = -0.7 CM/SEC AT 57.06 SEC DISP = -1.0 CM AT 20.98 SEC

3451 INSTRUMENT AND BASELINE CORRECTED DATA				INITIAL VELO = 0.06471 CM/SEC				INITIAL DISP = 0.00855 CM				AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.							
20	-3	15	23	0	-17	-11	-13	-30	-29	13	36	26	11	-17	-46	-51	-38	-2	22
37	45	10	-33	-14	32	32	-5	-21	-4	18	25	3	-14	0	14	15	8	-5	-7
4	-5	-24	-18	11	32	23	8	-3	-4	-7	-21	-37	-32	-7	40	65	17	-13	-12
-30	-24	14	23	-23	-52	-38	-2	48	44	-23	-51	-30	6	27	8	-32	-44	-7	19
-11	-23	6	34	25	-12	-31	-10	18	26	14	-2	-13	-8	-2	-13	-7	14	28	26
12	-8	8	15	15	25	23	0	-18	-16	2	19	9	-15	-27	-10	18	10	-17	-29
-17	-2	4	7	4	-1	-1	10	21	21	3	-17	-16	-4	8	8	-2	-2	10	12
-2	10	-12	-28	-2	-11	14	12	8	13	-2	-23	-11	20	20	1	5	19	6	-20
-29	-20	-1	28	23	-5	-17	-19	-18	-17	-14	-3	11	31	50	25	-30	-47	-32	-12
6	16	18	15	21	25	10	-21	-45	-34	2	27	22	4	-2	16	23	-1	-20	-28
-11	17	17	3	-6	-11	-22	-32	-27	-13	8	27	24	8	-7	-14	-12	-4	2	11
20	19	7	-9	-18	-20	-8	26	47	31	1	-6	8	15	3	-5	1	11	18	13
4	-11	-20	-11	9	31	40	32	13	-10	-21	-16	-6	12	28	29	14	-6	-19	-26
-22	-10	7	22	18	1	-16	-34	-42	-26	12	13	14	12	1	-7	-7	-11	-12	-4
4	3	7	18	14	-4	-22	-27	-13	3	12	6	-9	-17	-8	0	0	2	6	4
-5	-10	-4	0	-1	-3	-8	-20	-28	-25	-12	9	27	26	8	-8	-17	-23	-24	-14
6	20	19	14	7	0	-1	-11	-22	-22	-18	-9	2	13	13	8	5	-3	-14	-17
-11	1	11	8	-3	-15	-19	-14	-7	2	14	15	-4	-25	-27	-15	0	9	10	9
7	5	3	7	14	20	22	13	-3	-18	-25	-28	-19	0	12	17	15	3	-8	-6
-4	0	10	18	25	24	6	-10	-16	-20	-14	-6	-1	6	16	14	4	-4	-10	-14
-15	-13	-7	7	24	26	19	11	0	-14	-14	-3	10	12	1	-7	-18	-24	-10	8
12	12	15	22	24	19	9	-3	-7	-3	7	15	13	5	-4	-9	-8	-2	1	0
-7	-6	2	5	3	-3	-11	-13	-7	4	9	4	-2	-6	-6	-3	1	4	7	10
13	11	6	1	-2	-9	-14	-7	5	10	6	1	-1	-1	4	9	8	3	0	-4
-10	-18	-24	-21	-8	5	7	1	-5	-7	-6	-6	-5	-2	1	-1	-6	-7	-10	-17
-16	-10	-5	-1	1	4	5	1	-4	-4	-3	5	16	21	20	16	9	1	-8	-13
-10	-4	1	6	9	9	10	11	8	1	-7	-16	-12	1	11	16	15	11	6	-2
-6	-5	-4	-4	-7	-8	-3	4	10	10	7	2	1	5	6	13	17	19	17	17
10	5	2	2	8	13	13	8	2	-5	-9	-6	5	16	16	8	-1	-4	-4	-5
-5	-3	5	19	25	13	-2	-13	-19	-18	-12	0	8	8	5	-2	-5	3	9	4
-8	-11	-6	-5	-11	-11	-2	2	5	9	10	8	4	-1	-7	-12	-14	-10	-5	-1
2	2	-4	-13	-23	-23	-16	-10	-3	4	9	10	8	5	0	-7	-15	-21	-20	-12
-5	-1	4	8	7	4	0	-5	-10	-12	-12	-10	-8	-3	1	6	12	14	12	8
4	-2	-9	-11	-6	2	9	11	10	9	-12	11	11	7	2	-6	-12	-8	1	7
10	8	5	3	0	-4	-9	-8	-1	-2	-6	-4	-1	2	3	3	1	0	-5	-10
-12	-9	-3	6	12	11	2	-6	-3	1	3	6	6	-2	-9	-12	-13	-10	-5	-2
-1	1	4	4	0	-2	-3	-5	-4	-2	-1	-1	-1	-1	0	4	9	11	8	5
1	-5	-8	-5	-2	2	7	12	12	8	5	-6	-7	-5	-2	1	4	8	13	18
16	7	0	-5	-10	-12	-7	0	5	7	5	-1	-4	-7	-9	-12	-8	1	2	-1
-4	-7	-8	-8	-8	-8	-10	-11	-9	-5	-4	-3	-3	8	8	8	8	6	6	0

-8	-9	-5	-1	6	9	4	2	1	-1	-6	-10	-8	-8	-11	-10	-5	2	8	10
-4	2	5	3	-1	-3	-20	-23	11	14	9	3	-2	-4	-7	-11	-14	-4	-12	-10
-15	-16	-3	-11	-4	-2	-4	-5	-17	-10	-3	0	7	8	-3	1	0	5	6	4
1	-3	-4	-6	14	15	-8	-3	-5	2	2	-4	-12	-5	-11	-6	10	1	-2	-6
-5	-4	-4	-6	-6	-4	2	-8	-5	-2	-1	5	7	0	-5	-4	-10	10	7	3
-1	-4	3	7	7	6	4	6	1	7	13	12	8	3	1	-4	2	-18	-18	-11
11	10	10	8	5	8	3	3	8	8	8	3	9	-3	0	4	2	5	8	10
-7	-7	-1	-7	-6	-4	1	3	6	8	10	10	9	8	7	5	5	4	-4	-9
-8	-10	-10	-11	-5	2	11	11	8	5	2	-1	-3	-5	-7	-6	-2	-1	-2	-4
-3	0	0	5	11	13	13	11	7	4	1	-1	-1	-1	6	21	3	-1	-5	-5
-3	0	9	3	9	11	11	9	7	7	8	12	15	18	20	19	7	17	14	12
-5	-4	6	0	-1	0	6	9	6	4	2	-12	-9	5	4	8	6	5	3	-1
-1	1	3	4	6	9	13	12	-8	-10	-11	-4	-1	-2	4	7	3	3	1	0
-7	-4	2	-1	2	6	7	1	-2	4	-3	-4	-5	-6	-7	1	-3	-7	-10	-6
-3	2	-2	7	10	7	-5	-6	-6	-3	-7	-7	-5	0	-7	-9	-11	9	5	1
-2	-2	9	-1	0	2	3	2	2	2	3	3	5	7	9	13	14	13	13	12
10	9	9	7	5	2	-1	-3	-5	-6	-5	-4	-2	-2	-2	-3	-3	-3	-3	-3
-3	-4	-4	-7	-11	-12	-7	-8	-9	-8	-6	-4	-3	-3	-2	-2	-3	-6	-9	-11
-10	-9	-6	-8	-6	-4	1	5	8	7	5	2	0	-2	-4	-5	-8	-11	-10	-8
-6	-4	-4	-3	3	5	-1	-2	-2	-3	-4	-6	-7	-6	-10	-12	-11	-9	-8	-2
-5	-6	-5	5	12	12	6	2	0	1	2	-1	-3	-3	-8	-9	-4	2	-1	-3
-5	-5	-5	-5	-9	-8	-4	-3	-3	-4	-5	-7	-9	-5	-7	-3	4	-10	-10	-6
-2	-1	-1	-1	-1	-3	-4	-3	-1	-2	-2	-2	-3	-6	-10	-11	-9	-5	-1	4
7	10	2	12	3	5	-4	-11	-15	-16	-18	-17	-12	-7	-3	0	-1	-3	-2	0
-5	-3	-3	-2	-4	-7	-11	-8	-3	1	6	8	7	4	2	2	3	3	1	-2
-5	-6	6	-5	-4	-4	-2	-1	-3	0	2	3	5	5	-2	-5	-8	1	2	4
6	5	5	5	4	4	4	4	5	-1	10	13	16	14	9	7	6	7	7	6
-5	-5	-2	-6	-9	-9	-3	-3	-6	-3	-9	-9	-8	-7	-5	-4	-2	5	4	-5
6	5	3	1	-2	-6	-6	-6	-6	-8	-2	-2	-2	-1	0	1	1	2	6	7
0	0	3	2	1	1	5	4	7	7	7	6	5	4	3	2	2	5	6	-2
2	2	2	2	2	2	1	1	2	3	4	4	2	2	2	4	8	4	2	2
7	8	8	9	10	9	7	6	4	3	2	1	2	3	5	6	8	7	6	5
3	9	9	0	-2	-5	-7	-6	-5	-4	-3	-2	-1	0	1	4	4	5	6	7
8	9	9	8	6	4	1	1	0	0	0	1	3	4	5	7	6	4	1	-1
-2	-1	1	2	2	-1	-6	-7	-6	-6	-6	-5	-3	-2	-2	-1	-2	-2	-2	-1
4	4	4	2	2	1	4	4	4	2	1	0	-1	-3	-2	0	6	4	3	4
7	7	7	6	4	0	0	0	0	0	0	-1	-2	-3	-3	7	6	6	6	6
3	3	3	2	0	3	2	2	2	-1	-1	-1	-2	-3	-3	2	4	3	3	3
5	6	6	1	0	0	0	-1	-1	0	2	-2	-8	-4	-1	0	6	6	6	6
-1	-1	-1	0	9	12	13	6	5	4	-15	-11	-8	-3	-3	-3	2	1	1	0
-1	-1	-1	0	1	3	5	5	0	1	4	6	8	1	5	3	2	3	3	5

2	-12	3	-4	3	-2	-6	-4	-3	2	1	0	-1	-2	-5	-3	-3	-4	-1	-6	-12
-12	3	-4	3	-2	-6	-4	-3	2	1	0	-1	-2	-5	-3	-3	-4	-1	-6	-12	-12
-4	3	-2	-6	-4	-3	2	1	0	-1	-2	-5	-3	-3	-4	-1	-6	-1	-6	-11	-11
3	-2	-6	-4	-3	2	1	0	-1	-2	-5	-3	-3	-4	-1	-6	-1	-6	-10	-10	-10
-2	-6	-4	-3	2	1	0	-1	-2	-5	-3	-3	-4	-1	-6	-1	-6	-9	-9	-9	-9
-6	-4	-3	2	1	0	-1	-2	-5	-3	-3	-4	-1	-6	-1	-6	-9	-8	-8	-8	-8
-4	-3	2	1	0	-1	-2	-5	-3	-3	-4	-1	-6	-1	-6	-9	-8	-7	-7	-7	-7
-3	2	1	0	-1	-2	-5	-3	-3	-4	-1	-6	-1	-6	-9	-8	-7	-6	-6	-6	-6
2	1	0	-1	-2	-5	-3	-3	-4	-1	-6	-1	-6	-9	-8	-7	-6	-5	-5	-5	-5
1	0	-1	-2	-5	-3	-3	-4	-1	-6	-1	-6	-9	-8	-7	-6	-5	-4	-4	-4	-4
0	-1	-2	-5	-3	-3	-4	-1	-6	-1	-6	-9	-8	-7	-6	-5	-4	-3	-3	-3	-3
-1	-2	-5	-3	-3	-4	-1	-6	-1	-6	-9	-8	-7	-6	-5	-4	-3	-2	-2	-2	-2
-2	-5	-3	-3	-4	-1	-6	-1	-6	-9	-8	-7	-6	-5	-4	-3	-2	-1	-1	-1	-1
-3	-3	-4	-1	-6	-1	-6	-9	-8	-7	-6	-5	-4	-3	-2	-1	-6	-5	-5	-5	-5
-4	-1	-6	-1	-6	-9	-8	-7	-6	-5	-4	-3	-2	-1	-6	-5	-4	-3	-3	-3	-3
-5	-3	-4	-1	-6	-9	-8	-7	-6	-5	-4	-3	-2	-1	-6	-5	-4	-3	-2	-2	-2
-6	-1	-6	-9	-8	-7	-6	-5	-4	-3	-2	-1	-6	-5	-4	-3	-2	-1	-1	-1	-1
-7	-3	-4	-1	-6	-9	-8	-7	-6	-5	-4	-3	-2	-1	-6	-5	-4	-3	-2	-2	-2
-8	-1	-6	-9	-8	-7	-6	-5	-4	-3	-2	-1	-6	-5	-4	-3	-2	-1	-1	-1	-1
-9	-3	-4	-1	-6	-9	-8	-7	-6	-5	-4	-3	-2	-1	-6	-5	-4	-3	-2	-2	-2
-10	-1	-6	-9	-8	-7	-6	-5	-4	-3	-2	-1	-6	-5	-4	-3	-2	-1	-1	-1	-1
-11	-3	-4	-1	-6	-9	-8	-7	-6	-5	-4	-3	-2	-1	-6	-5	-4	-3	-2	-2	-2
-12	-1	-6	-9	-8	-7	-6	-5	-4	-3	-2	-1	-6	-5	-4	-3	-2	-1	-1	-1	-1

111291 55.004. IMPERIAL COUNTY FORESHOCK DEC 16, 1955 - 2141 PST EPICENTER - 33 00 00N, 115 30.0
 STATION NO. 117 EL CENTRO, IMPERIAL VALLEY IRRIGATION DISTRICT COMP NORT 32 47 43N, 115 32.5
 INSTR PERIOD = 0.066 SEC DAMPING = 0.574 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

PEAK VALS ACCLN = -6.4 CM/SEC/SEC AT 0.22 SEC VELO = 2.4 CM/SEC AT 27.70 SEC DISP = 3.2 CM AT 29.98 SEC

INITIAL VELO = 1.03878 CM/SEC INITIAL DISP = -0.12463 CM

2416 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.

-47	20	47	38	7	0	19	37	19	-17	-46	-64	-58	-22	17	46	40	-10	-52	-60
-44	-18	8	27	21	-4	-30	-53	-51	-28	-1	33	36	13	-5	-21	-37	-36	-31	-27
1	21	-1	-30	-40	-30	-7	16	25	28	21	-2	-27	-44	-45	-29	-8	-5	-12	-15
-9	6	21	25	15	14	27	24	3	-20	-40	-51	-44	-26	2	30	37	23	5	-7
-5	0	-2	-8	-21	-18	0	3	-15	-31	-40	-25	4	27	25	7	-8	-13	1	15
11	3	-4	-2	1	-7	-11	-4	-3	-10	-21	-13	17	38	30	7	-14	-28	-39	-40
-23	-2	11	11	2	-14	-28	-36	-30	-11	5	15	19	22	27	29	23	7	-15	-26
-19	-10	-5	0	9	-11	0	-15	-27	-34	-26	-10	0	-8	-16	-4	9	0	-16	-18
-4	13	24	21	10	11	0	-17	-15	-9	-4	-2	-6	-12	-15	-13	-3	16	33	38
27	9	-11	-23	-20	-13	-5	4	12	13	3	-9	-20	-21	-2	12	13	16	21	24
20	0	-10	7	19	9	-4	-13	-12	-7	-13	-17	-1	22	31	25	12	-1	-16	-19
-4	14	32	37	18	-3	-20	-29	-22	-9	3	14	24	32	40	36	17	-1	-15	-25
-25	-25	-32	-35	-26	-13	3	18	27	33	33	28	22	9	-9	-25	-32	-24	-9	7
8	-10	-19	5	28	30	26	16	-3	-4	9	6	-8	-16	-12	-1	15	22	8	-12
-17	-1	19	39	46	35	11	-19	-43	-42	-25	-6	15	36	50	45	26	5	-14	-16
-5	8	5	-15	-21	-8	5	12	20	20	6	-9	-8	13	30	20	0	-13	-20	-12
0	0	10	4	-3	-2	2	-2	-7	-2	5	9	5	-3	-10	-17	-23	-28	-27	-22
-15	-7	0	6	7	3	4	9	15	20	22	23	25	21	4	-14	-20	-13	-1	10
8	0	-5	-11	-16	-8	7	16	7	-9	-22	-38	-48	-40	-14	10	32	40	33	24
17	9	1	-10	-22	-32	-39	-35	-24	-9	5	12	15	5	-13	-13	-4	3	9	14
16	10	-7	-21	-25	-18	-7	-2	-8	-19	-28	-23	-6	12	15	4	-8	-8	7	19
23	19	4	-1	4	2	-8	-10	5	15	6	-6	-14	-20	-21	-11	2	13	16	9
-4	-11	-1	10	15	23	27	16	10	7	1	1	3	-2	-5	0	8	5	5	7
2	0	2	5	10	14	11	9	14	14	9	6	6	3	0	2	1	-6	1	16
24	19	8	2	0	1	7	14	13	4	-3	-8	-7	2	13	21	20	12	5	0
-9	-19	-24	-24	-15	-1	6	9	8	3	-1	-1	7	12	8	0	-9	-20	-19	-6
5	11	14	5	-8	-21	-27	-24	-16	-7	0	7	11	12	5	-3	-8	-6	2	2
-5	-10	-15	-10	0	8	10	5	7	16	17	7	-6	-10	-2	5	2	-7	-15	-17
-7	4	12	18	10	-4	-11	-14	-8	0	7	13	16	5	-10	-14	-10	-5	-3	-3
-2	1	5	5	2	-2	-6	-11	-12	-7	-1	3	6	6	0	-6	-9	-10	-8	-3
3	3	0	-4	-6	-7	-8	-8	-4	1	1	-6	-9	-4	2	3	1	-2	-9	-12
-3	-5	1	8	13	11	4	-3	-8	-12	-16	-19	-16	-10	-5	-1	2	4	6	9
13	17	16	9	0	-7	-12	-17	-13	-3	8	19	23	18	10	2	-10	-18	-13	-5
2	7	10	12	10	7	4	3	1	-2	-9	-12	-5	5	11	15	17	14	6	0
-4	-7	-9	-8	-5	-1	5	14	19	13	3	-4	-5	-3	-6	-10	-8	-2	-1	-4
-7	-9	-8	-2	4	-9	13	17	22	23	18	10	0	-1	0	-2	-4	-1	-3	-3
4	10	11	3	-6	-17	-19	-10	-2	4	8	7	0	-5	-7	-10	-13	-16	-20	-18
-9	0	8	1	-1	-9	-17	-16	-8	-4	-6	-8	-5	0	5	9	12	11	8	4
3	6	9	15	21	20	14	7	-2	-5	1	7	10	12	8	-1	-5	-3	-1	-4
-9	-14	-14	-10	-7	-4	-2	-3	-8	-9	-8	-6	-4	-2	-3	-9	-13	-13	-10	-8

-6	-1	4	8	11	13	13	13	9	1	-7	-14	-21	-27	-27	-20	-11	-3	5	13
20	20	16	11	6	-5	-5	-11	-14	-11	-8	-5	-2	-1	-1	-1	-1	-1	-1	0
36	28	8	-11	-13	0	0	-7	10	16	15	8	-3	-26	-15	-22	-9	4	16	28
2	1	-2	-4	-21	-28	-31	9	-15	-3	-3	-6	-3	6	2	5	-3	-7	-3	0
-10	-6	0	0	0	8	9	5	10	1	-2	-3	-3	-4	-4	-4	-4	-4	-5	-8
5	9	12	10	4	1	4	2	2	8	5	12	0	-2	-2	0	3	4	3	3
1	5	7	7	7	6	6	5	5	4	3	3	3	7	11	4	1	-2	-4	-3
3	4	8	12	14	9	5	8	13	10	0	-6	-2	2	3	2	2	2	2	3
2	-3	-8	-10	-7	-1	-1	-4	4	7	8	5	1	-5	-3	-3	-5	-4	-3	-3
-2	-2	-1	-1	0	0	0	0	0	-1	0	1	2	3	3	1	-3	-7	-7	1
6	4	-1	-4	-6	-8	-10	-8	-14	-15	-16	-18	-15	-2	-7	-6	-8	-8	-7	-9
-10	-7	-2	4	9	13	15	9	3	-1	-2	-11	-14	-16	-16	-5	-10	-14	-18	-20
-16	-13	-17	-18	-7	-3	-1	-3	-5	-7	-8	-11	-8	-10	-16	-11	5	2	-2	-6
-10	-13	-16	-17	-17	-14	-6	-4	-4	2	3	12	8	-7	0	-4	-3	-18	-21	-25
-25	-23	-20	-17	-13	-10	-6	4	2	1	0	-1	-1	-3	-3	-23	-20	-15	-11	-8
5	3	-1	-3	-2	4	3	3	2	3	1	-3	-9	-15	-15	-6	-6	-13	-17	6
7	9	3	-1	0	2	3	4	1	0	2	5	8	6	2	1	-14	16	12	
-6	-3	-1	4	10	24	24	5	15	6	-2	-7	-4	2	2	10	14	16	12	
-13	-7	-1																	
1	-1	1	3	5	10	12	15	15	17	20	20	16	8	12	5	9	13	13	12
10	11	13	16	18	24	27	26	26	18	10	7	10	13	12	11	9	7	8	10
11	5	5	9	10	1	4	7	7	11	16	20	24	20	24	14	8	2	-1	
0	8	10	11	10	6	3	-1	3	3	10	12	12	13	13	7	15	16	11	12
20	18	14	21	31	24	17	11	7	4	-3	-11	-13	-7	-7	3	13	18	22	23
16	8	7	11	10	5	5	7	11	9	11	14	16	13	13	2	6	12	13	12
13	13	14	14	14	13	12	11	11	10	8	7	5	5	5	7	8	9	8	8
7	7	7	8	9	10	9	7	7	6	5	5	4	4	4	4	5	5	6	11
19	24	20	14	7	1	1	3	3	4	3	1	-1	-4	-4	-1	2	3	2	2
2	2	1	1	1	-2	-4	-5	-5	-2	1	1	-2	-5	-5	0	-2	-7	-11	-9
-6	-8	-12	-20	-11	-18	-25	-19	-19	-12	-9	-12	-15	-8	-12	-12	-18	-21	-18	-13
-12	-15	-12	-11	-22	-23	-25	-22	-22	-18	-19	-24	-26	-17	-22	-15	-13	-16	-23	-22
-15	-17	-12	-17	-11	-10	-9	-8	-8	-7	-7	-6	-6	-10	-8	-12	-14	-15	-16	-16
-16	-17	-17	-6	-4	-18	-18	-17	-17	-12	-3	4	15	5	14	-5	-11	-17	-22	-21
-17	-13	-9	-6	-4	-2	0	1	2	3	3	4	5	1	4	-3	-6	-7	-8	-8
-8	-8	-9	-10	-11	-14	-15	-16	-16	-16	-16	-17	-17	-17	-17	-17	-17	-17	-17	-17
-17	-17	-17	-17	-17	-17	-17	-17	-17	-17	-17	-17	-17	-17	-17	-17	-17	-17	-17	-17
-12	-11	-10	-9	-8	-5	-3	-2	-2	0	0	-6	-12	-23	-22	-22	-21	-20	-19	-18
-17	-15	-14	-12	-11	-13	-14	-15	-15	-15	-15	-14	-14	-14	-14	-12	-11	-11	-10	-9
-8	-6	-4	-2	0	4	4	3	3	3	2	1	2	7	7	21	22	16	10	6
7	11	13	12	9	4	2	1	1	2	2	3	4	5	5	7	7	8	9	10
11	12	12	13	14	16	17	17	17	16	16	16	15	14	14	7	4	0	-3	-1
3	8	11	12	11	10	10	9	8	5	3	1	-1	-3	-3	-3	-2	15	12	10
2	5	8	10	13	18	20	23	23	25	28	28	26	24	24	19	17	15	12	10
8	5	3	1	1	1	0	1	1	4	6	8	11	10	10	1	-3	-6	-7	-8
-10	-11	-12	-13	-15	-15	-11	-6	-6	-1	3	4	-1	-8	-8	-15	-15	-16	-16	-17
-16	-11	-5	0	4	9	9	11	13	14	11	8	5	-2	2	-3	-5	-7	-9	-11
-12	-9	-4	1	5	12	16	18	18	16	11	7	3	1	1	0	-1	-1	-1	-1
-1	0	-1	-1	-2	-2	-1	-2	5	9	12	15	17	21	19	19	15	11	8	6
6		5	5	5				6	7	7	8	8	9	9	10	10	10	10	10

10	10	10	10	10	10	10	10	9	9	8	8	9	13	14	12	8	4	1	1	2	4
5	6	8	9	9	9	7	5	3	1	-1	-1	-1	0	0	0	0	1	1	2	3	
4	5	6	7	8	8	7	12	14	13	-7	-7	-11	6	10	10	8	1	1	2	3	
4	-3	-6	-3	3	3	-3	4	2	1	4	1	6	7	3	3	-2	0	3	11	10	
2	5	9	13	16	18	18	16	14	12	10	10	7	5	5	5	4	3	18	14	6	
-7	-6	-4	-5	-7	-7	2	5	8	8	7	7	1	2	3	3	-7	-2	-1	-4	-6	
-10	-11	-7	-5	-7	-11	-11	-14	-10	-1	9	9	6	1	-2	-6	-9	0	0	0	-5	
-8	-7	-6	-6	-5	-3	-3	-1	1	3	4	3	1	0	0	-3	-3	-2	-1	-8	-8	
2	2	3	3	3	3	3	1	-3	-5	0	5	7	7	7	8	8	7	7	7	1	
6	5	4	3	2	1	1	0	-1	-2	-2	-2	-1	-1	-1	0	1	2	4	5	6	
7	7	7	6	6	6	7	5	4	3	1	-1	-2	-4	-5	-7	-7	-8	-8	-8	-8	
-8	-8	-12	-12	-7	-13	-13	-6	-13	-6	-7	-8	-9	-10	-11	-11	-11	-11	-11	-11	-12	
-11	-12	-5	1	7	7	7	0	-5	-5	-5	-13	-11	-11	-10	-9	-4	-4	-8	-7	-7	
-7	-6	-5	-4	-4	-4	-4	-5	-6	-7	-8	-5	-3	-3	-3	-5	-4	-4	-1	6	13	
13	7	1	-2	-3	-5	-4	-5	-6	-7	-8	-7	-7	-6	-5	-7	-5	-4	-3	-3	-4	
-5	-5	-6	-7	-7	-7	-7	0	4	-1	-12	-16	-22	-13	-7	-7	-15	-16	-21	-24	-23	
-22	-21	-19	-17	-17	-16	-16	-16	-16	-16	-16	-1	-16	-17	-16	-15	-14	-14	-13	-11	-10	
-9	-8	-7	-6	-5	-4	-4	-4	-3	-2	-1	0	0	0	1	1	2	2	3	3	3	
4	4	4	5	5	5	5	5	4	4	4	3	3	3	3	3	3	3	2	2	8	
4	5	5	7	7	6	6	5	4	3	2	1	-1	-1	-1	0	1	2	4	5		
8	8	8	8	8	8	8	8	8	8	7	6	5	4	6	10	15	15	9	9	3	
-3	-7	-8	-8	-8	-8	-8	-8	-8	-8	-8	-8	-4	-2	1	3	5	8	8	9	9	
10	10	10	11	11	11	11	11	10	9	8	7	8	7	6	6	5	4	4	4	3	
3	2	3	5	6	8	11	14	16	16	13	13	10	7	2	-1	-4	-9	-10	-10	-10	
-10	-10	-10	-9	-8	-6	-2	2	6	9	15	9	-1	-1	5	14	16	12	7	2	-2	
-5	-6	-7	-7	-4	-4	3	9	14	12	12	12	6	4	1	-2	-4	-4	-4	-4	-4	
-4	-4	-4	-3	-3	-3	-3	-2	-2	0	1	3	4	7	7	9	8	5	5	4	2	
2	2	3	5	5	5	0	18	22	18	13	7	2	-6	-13	-20	-17	8	10	10	2	
-2	0	2	5	3	3	3	-4	-5	-5	-4	-4	-4	-7	-10	-11	-7	-4	-4	-12	-17	
-15	-11	-6	-2	3	2	2	-3	-8	-11	-10	-6	-3	0	1	-2	-4	-2	-2	3	2	
-5	-13	-13	-7	-2	-8	-8	-17	-13	-4	3	7	11	13	9	3	1	-5	-2	-2		

11T291 55.004.
STATION NO. 117

IMPERIAL COUNTY FORESHOCK DEC 16, 1955 - 2141 PST
EL CENTRO, IMPERIAL VALLEY IRRIGATION DISTRICT

EPICENTER - 33 00 00N, 115 30 0
COMP EAST 32 47 43N, 115 32 5
ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

INSTR PERIOD = 0.065 SEC DAMPING = 0.607

PEAK VALS ACCLN = -7.2 CM/SEC/SEC AT 4.88 SEC VELO = 0.7 CM/SEC AT 32.62 SEC DISP = 1.0 CM AT 35.50 SEC

INITIAL VELO = -0.16932 CM/SEC INITIAL DISP = 0.03487 CM

2413 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.

6	-7	-18	-14	-1	7	1	-3	8	4	-9	-2	18	28	16	-2	-16	-19	-11	-11
-21	-7	26	46	30	-3	-28	-45	-35	-12	8	26	40	39	11	-8	1	9	4	-3
-10	-13	-5	10	17	13	1	-9	-5	-5	-2	10	20	19	6	-7	-11	-2	12	18
9	-5	-20	-27	-14	4	7	-2	-9	-3	10	25	31	20	6	-4	-11	-6	9	24
28	16	0	-9	-14	-19	-17	-5	8	16	21	19	15	8	0	2	10	8	-7	-15
-11	-5	0	8	9	1	-6	-13	-15	-6	6	17	22	15	7	-2	-11	-20	-21	-17
-12	-5	2	3	-3	-9	-14	-19	-21	-15	-5	0	-8	-18	-23	-28	-30	-24	-15	-7
-2	-1	0	1	2	3	4	5	6	6	6	6	6	5	3	-2	-5	-3	0	3
6	7	7	8	8	8	7	6	6	3	-2	-6	-10	-6	2	10	18	23	17	7
-2	-9	-9	0	11	22	23	10	-2	-11	-16	-12	-1	9	18	16	5	-5	-9	-5
2	11	17	10	2	-4	-10	-14	-16	-14	-10	-5	1	7	14	21	20	11	4	-1
3	14	23	28	32	33	23	4	-14	-30	-48	-56	-45	-26	-5	16	36	56	64	48
28	5	-26	-57	-72	-65	-39	1	26	39	34	6	-17	-34	-41	-32	-15	1	17	26
15	-1	-16	-30	-32	-21	-8	8	24	37	37	24	7	-8	-14	-12	-11	-15	-22	-23
-16	-7	3	13	22	19	7	-5	-14	-13	-4	2	8	14	20	23	18	8	1	-6
-9	-8	-8	-11	-10	-1	10	18	17	11	10	15	22	22	11	-1	-9	-14	-18	-17
-12	-7	0	9	18	24	28	24	9	-8	-17	-12	-3	-6	-17	-21	-21	-7	10	21
33	32	17	7	11	20	29	21	-1	-21	-42	-52	-42	-26	-14	-6	-5	-10	-17	-23
-18	2	17	25	28	21	12	3	-9	-19	-17	-3	8	15	14	2	-12	-26	-35	-29
-17	-6	-2	-6	-9	-7	-1	10	21	30	30	20	9	0	-3	1	1	-3	-9	-10
-7	-4	2	6	6	5	-1	-9	-17	-24	-22	-12	-1	10	20	21	12	1	-3	0
5	8	10	10	2	-13	-25	-36	-37	-24	-9	6	14	5	-7	-14	-20	-20	-15	-9
-3	3	8	12	15	17	15	11	7	0	-1	3	8	12	14	10	3	-2	-5	-8
-7	-5	-3	-1	0	2	3	5	8	11	14	13	9	3	-2	-6	-11	-16	-21	-22
-17	-13	-7	0	6	13	16	18	13	1	-9	-17	-16	-7	-1	3	5	4	3	2
1	4	10	11	5	-1	-6	-10	-11	-9	-6	-2	-16	2	7	12	6	-1	-5	-4
-1	1	5	8	12	14	8	-2	-8	-11	-14	-16	-16	-11	-4	3	8	7	4	1
-2	-5	-8	-9	-11	-11	-11	-10	-4	6	12	17	21	20	17	13	9	4	-1	-3
-5	-6	-5	-4	-2	0	2	3	5	7	10	13	17	23	25	21	14	1	-13	-13
-3	6	13	8	-6	-13	-11	-8	-3	5	14	16	12	7	2	-4	-8	-7	-5	-4
-2	-1	1	4	9	14	18	22	24	21	16	10	2	-3	-2	-3	-7	-10	-7	-4
-6	-10	-13	-11	-3	3	2	0	-3	-6	-9	-7	-3	1	0	-5	-10	-14	-12	-4
-5	0	4	7	10	9	3	-4	-9	-7	-4	0	7	12	6	-5	-14	-17	-13	-6
1	1	8	12	7	-3	-9	-4	-1	1	-1	-5	-8	-7	-5	-4	-4	-4	-4	-4
-1	2	1	-1	-4	-6	-8	-9	-10	-11	-12	-13	-12	-4	7	13	6	-4	-10	-13
-7	4	9	5	-1	-5	-5	-1	1	4	6	5	1	-3	-7	-10	-8	-4	2	8
13	12	7	1	-4	-9	-14	-16	-16	-16	-16	-14	-8	-3	1	6	8	7	5	3
1	1	1	0	0	1	1	1	0	-2	-3	-5	-3	0	3	6	8	10	11	11
8	6	3	-2	-8	-13	-18	-18	-15	-12	-9	-6	-2	2	6	11	12	7	0	-6
-11	-10	-6	-2	-2	7	6	1	-3	-6	-9	-9	-4	2	6	10	12	9	5	1

1	6	9	12	12	8	2	-3	-4	-3	-1	5	8	5	-1	-7	-6	-1	4	6
2	-3	-8	-11	-9	-7	-4	-16	-17	-12	7	5	3	2	1	1	0	0	-1	-2
3	-3	-4	-5	-6	-9	-12	-24	27	26	-5	3	12	16	12	5	3	-4	-8	-8
-3	-5	-3	1	4	6	20	24	-3	-5	2	13	6	4	7	1	0	7	7	3
4	3	-3	0	-3	-6	6	-11	-8	-2	-2	2	7	9	12	14	12	10	8	18
13	2	-5	-14	-1	-10	-9	2	5	8	9	6	8	7	4	-1	0	7	14	5
4	3	2	-1	-1	-1	-1	0	0	1	0	-2	-4	-6	-7	-8	-6	-3	0	4
7	10	12	7	7	3	1	1	1	1	2	3	4	5	6	-1	-1	-5	-7	-4
-1	2	4	5	1	-4	-7	-9	-10	-9	-5	-1	-2	-7	-11	-14	-16	-17	-15	-11
-9	-7	-5	-3	0	2	4	6	7	9	10	6	8	6	3	-1	-4	-7	-8	-8
-7	-4	-2	0	1	3	6	8	7	5	1	10	-4	-9	-12	-10	-7	-4	-1	1
3	5	5	5	5	5	4	3	2	1	-2	-4	-7	-10	-11	-7	-3	0	3	5
6	10	11	3	3	7	5	3	0	-3	-6	-9	-10	-8	-6	-4	-2	0	7	5
8	6	4	11	0	-2	-4	-5	-9	-12	-11	-7	-3	-1	1	4	5	6	3	8
9	2	-4	2	0	-13	-13	-6	-8	-4	0	2	5	6	5	4	9	15	19	15
9	4	-4	-9	-11	-13	-13	-11	-7	-8	-7	-5	-3	3	4	4	3	2	1	1
-1	-3	-4	-6	-10	-14	-18	-21	-19	-15	-11	1	-3	1	4	7	10	14	16	14
10	7	6	2	2	-2	-8	-12	-15	-16	-15	-12	-9	-6	-3	1	5	9	12	10
6	2	0	-3	-5	-7	-6	-1	3	-4	3	3	2	2	1	-1	-4	-7	-8	-8
-7	-7	-10	-13	-15	-11	-4	-1	2	4	5	6	7	8	6	2	-2	-5	-5	-3
-2	0	1	2	3	3	-4	1	0	-1	-2	-4	-5	-6	-5	6	-2	-5	-5	-4
-5	-6	-5	-4	-3	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-1	-2	-4
-1	-3	-6	-8	-10	-13	-15	-14	-10	-7	-5	-4	-2	-2	0	1	-1	-1	0	0
3	2	0	-1	-2	-4	-1	-1	0	0	0	-1	-1	-1	-3	-2	-4	-4	4	-4
-4	-4	-4	-4	-4	-4	-4	-3	0	2	3	1	-1	-2	-3	-2	0	1	2	1
1	0	-1	-1	-1	-1	-1	-2	-3	-5	-7	-2	-3	1	2	5	3	8	9	3
6	5	3	2	0	-1	-2	-3	-4	-3	-3	0	-1	1	2	3	3	3	3	3
3	4	4	6	8	11	12	10	8	6	3	-9	-2	-5	-7	-9	-8	-5	-2	0
3	5	6	8	8	6	4	2	-1	-6	-9	-2	-5	-2	0	0	1	2	5	7
9	13	17	17	14	10	7	4	1	-2	4	-5	-6	-7	-8	-7	-5	-3	-1	1
3	5	8	10	12	13	10	6	2	-1	-4	-7	-9	-9	-9	-9	-6	-3	-1	-1
-2	-3	-3	-2	-2	0	2	5	7	6	-4	3	2	1	0	0	2	5	7	8

-3	1	5	-1	-3	1	5	2	4	-1	2	2	4	3	1	-3	-2	3	-8	-1	0	-1	-1	0	0	1	-7	0	2	3
-4	0	5	0	-3	1	6	2	4	-1	2	2	4	3	1	-1	-4	2	-9	0	1	-1	-1	-1	0	-7	-1	2	3	
-3	0	4	0	-3	1	6	2	4	0	2	2	5	3	2	1	-5	1	-1	1	1	-1	-1	-2	1	0	-6	-2	2	3
-3	-1	4	1	-3	1	4	2	4	1	2	2	5	4	2	3	-6	-1	-13	1	0	-1	-1	-2	1	0	-6	-3	2	3
-3	-2	4	1	-3	0	3	2	4	2	3	3	5	4	2	4	-7	-2	-13	2	-2	-1	-1	-2	1	-1	-5	-4	2	3
-2	-2	4	1	-3	0	2	2	5	3	3	3	5	4	3	3	-7	-3	-10	3	-4	-1	-1	-2	-2	-1	-5	-5	2	3
-1	-3	4	1	-3	-1	1	2	5	4	3	3	5	4	3	3	-5	-2	-8	4	-6	-1	-1	-2	-2	-1	-5	-6	2	3
0	-3	4	1	-4	-2	0	0	5	5	3	3	5	4	3	2	-4	-2	-5	4	-7	-1	-1	-2	-2	-4	-5	2	3	2
2	-4	1	-4	-3	-1	-1	5	4	3	3	3	5	3	4	2	-2	-2	-2	4	-7	-1	-1	-2	-1	-2	-4	2	3	2
3	-3	4	0	-4	-3	-1	-2	5	3	2	3	4	3	4	1	-1	-1	0	4	-7	-1	-1	-2	-1	-2	-3	3	3	2
5	-3	4	0	-4	-4	-2	-2	5	2	2	3	4	3	4	1	0	-1	1	4	-7	-1	-1	-2	0	-2	-3	3	3	2
6	-2	4	0	-5	-4	-1	-2	5	0	2	3	4	3	4	0	1	-1	2	4	-7	-1	-1	-2	0	-2	-2	3	3	2
4	-2	5	1	-4	-4	-1	-1	5	-1	2	2	4	3	3	0	2	0	4	4	-7	-1	-1	-1	1	-1	-2	0	2	2
1	-1	5	2	-4	-4	-1	-1	5	-2	2	2	4	3	3	0	2	0	5	3	-7	-1	-1	-1	1	-1	-1	0	2	2
-2	0	5	3	-4	-4	0	0	5	-2	1	2	4	2	3	0	3	1	6	1	-7	-1	-1	-1	2	-1	0	2	4	2
-5	0	5	4	-3	-4	0	1	5	-1	1	2	4	2	3	3	1	1	1	8	-6	-1	-1	0	2	-1	0	2	3	2
-9	-1	4	5	-3	-4	0	3	4	1	0	2	3	2	2	1	-2	2	8	-2	-5	-1	-1	0	2	-1	-3	1	3	2
-12	-1	3	6	-2	-4	0	4	4	2	0	1	3	3	2	1	-4	2	8	-3	-4	0	-1	0	2	-1	-4	1	3	2
-15	-2	3	6	-2	-4	1	5	3	3	-1	1	3	3	2	1	-6	0	6	-5	-3	0	-1	0	1	1	-5	1	2	3
-18	-3	2	5	-1	-3	1	5	2	4	-1	1	3	3	4	3	-5	-1	5	-6	-2	0	-1	0	0	1	-6	1	2	3

IIIT291 55.004%
 STATION NO. 117
 INSTR PERIOD = 0.065 SEC
 DAMPING = 0.574
 IMPERIAL COUNTY FORESHOCK DEC 16, 1955 - 2141 PST
 EL CENTRO, IMPERIAL VALLEY IRRIGATION DISTRICT
 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.
 PEAK VALS
 ACCLN = 5.6 CM/SEC/SEC AT 0.70 SEC
 VELO = 0.8 CM/SEC AT 20.20 SEC
 DISP = -1.0 CM AT 17.14 SEC

2419 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.																							
INITIAL VELO = -0.03670 CM/SEC												INITIAL DISP = 0.03837 CM											
0	3	10	14	10	1	-5	-8	-16	-28	-12	23	30	9	-4	7	15	9	0	-16				
-24	-14	3	20	21	4	-3	7	13	4	-14	-34	-43	-19	30	56	42	20	8	-11				
-30	-35	-24	-5	12	29	31	13	-6	-13	-11	-10	-8	2	14	7	-14	-18	-4	5				
-4	-16	-14	3	6	-4	-7	-2	9	16	5	-8	-13	-12	-9	-1	12	26	7	25				
-13	-19	-2	20	22	6	-9	-19	-18	-2	15	14	12	18	16	9	2	-10	-14	2				
20	21	5	-9	-18	-16	0	16	12	0	-8	-14	-15	-3	7	5	3	2	0	-6				
-11	-18	-25	-23	-7	12	17	8	0	-5	-10	-16	-23	-25	-20	-8	4	5	0	-7				
-15	-15	-6	2	4	1	7	0	-12	-25	-24	-4	8	9	5	-1	-3	0	2	-3				
-7	-3	2	4	4	1	-4	-6	-3	0	2	8	13	9	-1	-7	-14	-22	-23	-11				
8	22	27	21	11	8	5	-5	-6	5	14	10	-1	-8	-9	0	9	8	1	-2				
3	7	1	-8	-5	3	8	10	7	-2	-11	-6	0	-1	1	5	6	2	1	11				
21	19	7	-5	-7	1	11	8	-4	-12	-12	-4	3	7	6	2	-2	-6	-10	-14				
-19	-17	-7	2	7	9	6	-1	-8	-17	-19	-8	5	10	9	6	-2	-10	-12	-5				
4	10	14	14	9	2	-2	-4	-7	-7	1	13	18	13	10	9	4	-2	-6	-7				
1	13	18	11	1	-9	-7	8	19	22	18	5	-6	-2	10	18	15	7	-4	-7				
4	9	2	-7	-9	1	8	-2	-15	-12	3	14	11	0	-7	-3	6	13	8	-3				
-11	-12	-7	0	4	4	-2	-9	-12	-9	-3	3	7	9	2	-8	-10	-4	1	1				
-1	-3	-6	-7	-5	0	4	4	-3	-4	3	3	10	6	0	-4	-8	-4	-3	6				
12	13	6	-1	-6	-7	-2	5	2	-8	-12	-7	2	-1	-11	-17	-13	-3	4	11				
21	19	6	-6	-11	-8	-1	10	15	7	-5	-8	2	9	12	14	14	7	-4	-11				
-12	-10	-1	10	11	6	2	-1	-2	-2	2	11	13	8	3	-1	4	10	13	12				
8	2	0	1	4	7	-4	-1	-5	-2	7	10	6	0	-5	-6	3	13	16	14				
12	10	6	1	-5	-9	-13	-16	-17	-13	0	10	8	4	-1	-6	-10	-13	-12	-11				
-8	-3	3	5	4	2	0	-2	-3	-6	-8	-7	-3	2	4	5	4	0	-5	-4				
-1	1	2	-2	-6	-4	0	-1	-4	-7	-6	0	7	11	9	4	-5	-5	3	11				
10	1	-6	-6	-6	-8	-5	3	7	9	11	13	9	1	-6	-11	-11	-7	-3	1				
0	-6	-10	-12	-8	-1	4	0	-4	-3	-1	-4	-8	-7	-2	3	5	1	-6	-10				
-10	0	-4	-1	1	2	2	4	6	7	5	1	-4	-7	-8	-7	-6	-3	0	2				
0	-1	-2	-3	-4	-4	-3	1	0	-5	-6	-2	1	3	5	6	2	-9	-13	-8				
-2	-3	-8	-12	-14	-15	-15	-13	-10	-8	-7	-6	-6	-6	-6	-7	-9	-11	-13	-12				
-8	-4	0	4	6	2	-6	-7	-3	1	5	7	5	1	-3	-3	-2	0	5	8				
-1	-10	-14	-9	-1	7	10	4	-1	-5	-4	-1	0	-1	-1	-2	-2	-2	-1	-1				
-1	-4	-8	-8	-4	-1	3	6	8	9	8	5	2	-1	0	2	0	-4	-4	-1				
3	4	-1	-8	-9	-6	-2	1	4	6	3	-2	-3	-1	0	-1	-3	-4	-6	-8				
-9	-9	-10	-10	-5	-6	1	7	5	1	-2	-2	-3	7	9	4	-5	-10	-11	-8				
2	8	7	5	1	-3	-1	5	5	1	-2	-5	-6	-3	2	6	0	12	13	12				
5	-1	1	5	8	11	9	3	-1	-2	-4	-6	-2	2	1	0	0	4	4	-1				
-5	-6	-7	-6	-1	3	7	9	6	1	-3	-3	-3	5	4	0	-4	-4	-2	-2				
-3	-4	-5	-4	-2	1	5	9	13	11	3	-3	-6	-6	-1	5	8	8	6	3				
1	-1	-2	-4	-3	-3	-3	-1	9	13	6	-3	-3	-6	-6	3	1	-2	-3	-2				

[illegible]

-6	-9	-2	-5	3	-3	-6	3	4	5	4	3	1	1	1	2	1	-1	0	1	0	3	-2	3	0	0	1	-6	-4	-2	-1
-6	-9	-2	-1	2	1	-6	5	5	5	4	3	1	1	1	2	1	-2	0	1	0	5	-1	3	0	0	1	-5	-4	-2	-1
-5	-8	-2	2	0	4	-6	1	6	5	4	3	1	1	1	2	1	-2	0	1	0	4	-1	3	1	0	2	-5	-4	-2	-2
-5	-6	-2	3	3	4	-5	-4	7	5	4	3	1	1	1	2	1	-2	0	1	1	1	0	3	1	0	2	-5	-4	-3	-2
-4	-4	-2	-1	-2	3	-5	-3	8	5	4	3	1	1	1	2	1	-1	0	1	1	3	-1	0	3	1	0	2	-4	-3	-1
-3	-3	-2	-5	-3	2	2	1	1	7	5	4	3	2	1	1	1	-1	0	1	4	-2	-1	3	1	0	2	-4	-4	-3	-1
-3	-1	-3	-2	3	2	-5	1	3	6	4	4	2	1	1	1	1	-1	0	1	6	-2	-1	4	1	0	2	-4	-4	-1	-1
-2	1	-3	3	-4	1	-5	-4	-1	6	4	4	2	1	1	1	2	-1	0	1	7	-2	-2	3	1	0	2	-3	-5	-4	-1
-1	2	-3	2	-4	0	-5	-8	-5	7	4	4	2	1	1	1	2	-1	-1	1	6	-2	0	3	1	0	2	-3	-5	-4	-1
1	2	-3	0	-5	0	-4	-7	-8	7	5	4	2	1	1	1	2	-1	-1	1	4	-2	-1	2	1	0	2	-3	-5	-4	0
2	1	-3	-6	-1	-4	-6	-6	8	5	4	2	1	1	1	2	-1	-1	1	2	-2	-3	1	1	0	2	2	-2	-5	-4	0
4	1	-4	-5	-6	-1	-3	-1	-2	8	5	4	2	1	1	1	2	-1	-1	1	0	-2	-4	0	1	0	2	-2	-5	-4	0
4	0	-6	-7	-7	-1	-1	0	-4	9	5	4	2	1	1	1	2	-1	-1	1	-1	-2	-6	-1	1	0	1	-2	-5	-4	0
2	-1	-7	-8	-8	-2	2	-6	9	5	4	2	1	1	1	2	0	-1	1	1	-1	-2	-7	-1	2	0	1	-1	-6	-4	0
0	-2	-8	-7	-8	-2	5	-6	8	5	4	2	1	1	1	2	0	-1	1	1	0	-2	-7	-1	2	0	1	-1	-6	-4	0
-1	-4	-9	-6	-8	-2	4	-8	-5	7	5	4	3	1	1	1	2	0	-1	1	0	-2	-5	-1	2	0	1	-1	-6	-4	0
-3	-5	-10	-5	-8	-3	0	-8	-4	6	5	4	3	1	1	1	2	0	-1	0	0	-1	-3	-2	2	0	1	0	-6	-4	0
-4	-6	-11	-8	-2	-5	-7	-3	5	5	4	3	1	1	1	2	0	-1	0	0	-1	-2	-2	2	0	1	0	-6	-4	-1	0
-5	-6	-10	-8	0	-7	-7	-3	5	5	4	3	1	1	1	2	0	-1	0	0	-1	0	-2	2	0	0	0	-6	-4	-1	-1
-6	-6	-10	-7	2	-6	-7	-1	4	5	4	3	1	1	1	2	0	-1	0	0	-1	1	-2	2	0	0	1	-6	-3	-1	-1

111292 55.005.

STATION NO. 117

INSTR PERIOD = 0.066 SEC DAMPING = 0.574

IMPERIAL COUNTY EARTHQUAKE DEC 16, 1955 - 2207 PST

EL CENTRO, IMPERIAL VALLEY IRRIGATION DISTRICT

ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

EPICENTER - 33 00 00N, 115 30 0

COMP NORT 32 47 43N, 115 32 5

DISP = 2.1 CM AT 13.94 SEC

PEAK VALS

ACLN = -52.5 CM/SEC/SEC AT 0.0 SEC

VELO = -4.6 CM/SEC AT 0.18 SEC

DISP = 2.1 CM AT 13.94 SEC

INITIAL VELO = 0.16899 CM/SEC INITIAL DISP = -0.11423 CM

2066 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.

-625	-237	-33	-87	-275	-453	-487	-353	-152	3	45	1	28	169	310	430	576	610	509	387
262	141	42	-49	-179	-347	-314	-92	31	-55	-199	-135	18	-4	-146	-208	-104	13	87	186
310	460	262	34	34	16	178	215	74	-211	-474	-412	-209	-95	-32	25	85	131	97	4
-57	32	156	76	-152	-290	-204	-30	41	-46	-118	-37	109	165	71	-26	20	123	156	107
13	-44	-11	42	-38	-215	-258	-111	84	149	17	-139	-104	4	57	121	135	41	-66	-158
-135	17	167	225	189	124	46	-56	-144	-112	-4	95	99	17	-51	-62	-21	24	16	-27
-70	-105	-127	-85	-7	40	47	28	3	-21	-47	-76	-111	-103	-40	37	114	193	254	218
106	-5	-101	-186	-191	-122	-59	-10	-5	-44	-78	-99	-93	-36	19	39	39	23	-1	-16
7	53	93	105	70	-8	-106	-236	-256	-130	10	133	125	-28	-184	-225	-139	-7	124	213
211	144	75	11	-37	-26	46	110	109	42	-49	-132	-204	-217	-160	-85	0	83	142	157
112	20	-54	-75	-57	-8	42	73	79	35	-60	-137	-186	-159	-69	-8	-64	-158	-113	14
140	242	207	102	41	-2	1	15	-46	-128	-124	-73	-21	18	32	11	-41	-156	-305	-378
-276	-71	96	208	281	338	357	284	182	99	42	1	-57	-126	-177	-185	-152	-119	-125	-162
-209	-167	-57	44	145	216	208	143	57	-12	-32	2	58	108	104	40	-66	-156	-130	-52
0	36	53	48	36	19	-6	-35	-62	-89	-100	-69	-23	21	66	109	150	186	209	186
94	6	-10	24	73	76	21	-43	-58	-21	6	-30	-69	-33	17	-10	-88	-141	-108	-29
55	116	141	119	70	23	42	118	155	99	-25	-108	-144	-160	-144	-95	-19	27	23	-6
-37	-43	-10	45	119	187	188	105	3	-96	-186	-239	-195	-70	26	72	111	151	197	234
201	129	56	-16	-96	-127	-82	-36	-14	-27	-55	-42	-6	-3	-38	72	-105	-97	-51	2
58	112	105	45	-21	-72	-98	-91	-95	-114	-72	25	111	169	135	-5	-122	-181	-160	-81
-16	7	-38	-117	-185	-240	-251	-208	-155	-108	-60	-31	-25	-24	3	62	125	185	244	246
176	94	64	92	130	160	192	222	233	208	160	113	76	46	19	10	38	50	2	-60
-112	-159	-203	-229	-188	-97	-30	31	86	101	95	81	68	67	73	42	-22	-82	-123	-134
-111	-75	-44	-35	-56	-98	-139	-166	-139	-75	-8	52	101	112	66	6	-36	-69	-79	-49
-7	27	45	27	-9	-23	-1	28	28	10	1	19	29	13	-8	-13	-1	20	44	64
73	66	39	3	-11	3	8	-6	-38	-64	-60	-27	-1	4	-12	-44	-45	-13	17	50
66	52	26	-8	-40	-34	-7	22	46	50	43	36	28	18	5	-13	-31	-49	-65	-75
-70	-57	-37	-16	-6	-4	-6	-4	19	51	78	87	70	45	22	-1	-17	-21	-21	-16
-6	4	18	35	49	52	46	37	18	-3	-8	1	27	58	83	107	100	68	32	-2
-25	-20	6	32	47	56	62	67	75	82	83	81	70	35	-8	-58	-115	-161	-173	-146
-107	-71	-32	-4	-3	-14	-32	-44	-28	16	65	104	137	160	157	139	121	103	82	60
39	19	0	-14	-27	-39	-48	-48	-47	-35	-10	14	19	3	-26	-55	-60	-37	-2	26
24	0	-33	-52	-49	-44	-37	-20	-8	-5	-11	-32	-58	-81	-102	-97	-66	-34	-13	-1
12	19	17	7	-18	-50	-84	-113	-130	-127	-100	-65	33	6	33	53	72	78	74	59
42	38	47	67	80	61	27	-14	-60	-82	-70	-47	-22	-8	-15	-36	-61	-63	-41	-18
0	10	14	17	17	14	9	0	-14	-26	-32	-31	-18	3	14	9	-6	-23	-38	-51
-61	-62	-46	-16	13	32	33	10	-13	-24	-26	-14	6	33	40	15	-17	-36	-43	-45
-33	-10	10	23	29	25	19	8	-13	-38	-62	-86	-105	-99	-71	-37	-9	6	13	19
26	32	44	65	86	92	84	73	51	25	-8	-6	-21	-37	-51	-48	-34	-17	5	34
48	46	32	7	-23	-48	-54	-46	-26	-17	-26	-38	-44	-37	-26	-12	8	22	20	14

8	12	31	55	70	62	42	18	-11	-41	-67	-92	-105	-91	-66	-41	-15	11	32	51
64	70	57	28	10	1	-2	7	21	40	47	29	4	-15	-39	-40	-21	7	33	45
38	24	11	14	31	51	67	80	85	73	54	34	10	-19	-32	-38	-38	-34	-23	-9
-8	-18	-26	-31	-35	-31	-20	-12	-19	-34	-40	-35	-22	-5	13	25	28	29	31	31
30	29	27	22	17	11	7	4	2	0	-5	-19	-28	-5	-37	-43	-43	-38	-32	-25
-20	-14	-6	4	14	24	33	41	46	45	36	25	14	5	1	0	-1	-1	1	4
7	11	14	15	16	15	15	12	7	1	-5	-10	-12	-12	-11	-8	-4	-2	-2	-1
-5	-13	-23	-39	-50	-50	-49	36	-34	-21	-8	4	14	24	35	41	42	39	21	-4
-22	-24	-13	1	15	27	34	36	33	22	9	-2	-9	-2	10	13	12	9	-1	-14
-17	-15	-8	4	17	25	24	16	9	4	-1	-2	3	12	20	28	37	44	48	49
44	34	23	11	-1	-14	-28	-39	-48	-54	-55	-54	-45	-31	-18	-5	8	23	34	42
49	51	47	42	38	32	23	13	5	-3	-10	-16	-20	-21	-21	-18	-14	-10	-5	0
7	17	22	21	20	19	18	17	15	13	8	3	-3	-11	-20	-27	-30	-32	-33	-31
-28	-26	-21	-15	-9	-3	0	4	13	26	39	42	38	30	15	-1	-14	-24	-27	-25
-20	-13	-6	1	8	13	13	10	8	5	-1	-8	-16	-19	-18	-17	-16	-15	-13	-11
-9	-6	-3	1	2	0	-3	-6	-10	-16	-22	-26	-29	-33	-34	-29	-23	-17	-16	-18
-20	-21	-18	-13	-9	-4	1	7	13	19	24	30	32	33	34	32	28	24	18	10
2	2	11	22	29	30	27	21	7	-8	-21	-31	-33	-29	-24	-17	-12	-7	-1	11
24	32	32	22	7	-15	-40	-68	-92	-104	-105	-90	-71	-52	-31	-11	5	18	30	42
54	66	74	78	78	70	53	29	5	-11	-15	-6	5	7	0	-8	-16	-20	-17	-14
-10	-4	3	10	16	21	26	28	29	29	24	18	11	4	-5	-12	-15	-15	-15	-15
-15	-17	-18	-19	-22	-28	-34	-39	-41	-42	-39	-28	-14	0	11	20	24	23	22	21
18	15	13	16	24	32	36	37	39	41	42	38	31	23	16	8	0	-8	-17	-24
-29	-32	-35	-37	-34	-30	-26	-22	-18	-16	-15	-15	-15	-14	-14	-11	-5	2	8	11
9	7	5	4	5	8	10	13	13	11	8	5	2	-3	-10	-18	-22	-20	-17	-14
-9	-3	3	8	9	8	8	7	8	12	16	19	21	21	22	22	21	16	12	7
2	-3	-9	-10	-5	2	8	16	26	35	40	39	37	34	29	22	14	4	-6	-16
-22	-27	-30	-28	-25	-21	-17	-10	-3	5	11	17	21	18	12	6	0	-6	-11	-16
-21	-23	-22	-20	-19	-17	-12	-5	1	7	9	12	15	16	13	6	-2	-9	-16	-21
-25	-28	-32	-35	-35	-28	-19	-11	-3	-2	-4	-7	-10	-13	-16	-21	-26	-32	-37	-40
-36	-31	-25	-19	-11	0	12	21	21	19	16	14	11	9	5	1	-3	-8	-13	-16
-16	-12	-8	-5	-1	2	5	6	7	7	8	8	3	-3	-8	-14	-13	-9	0	8
15	18	20	22	24	25	23	18	14	10	6	1	-2	-5	-7	-10	-13	-14	-11	-8
-4	0	3	9	15	21	28	34	39	39	38	36	35	34	32	25	14	3	-8	-19
-29	-34	-36	-39	-41	-38	-31	-24	-18	-11	-4	2	8	13	16	20	24	21	12	3
-7	-16	-19	-15	-10	-5	1	9	14	13	9	6	3	0	-5	-11	-17	-24	-29	-29
-27	-25	-23	-20	-15	-8	-2	4	8	10	12	14	16	18	18	15	13	11	9	5
0	-5	-10	-14	-14	-13	-12	-11	-11	-10	-9	-8	-7	-7	-6	-5	-6	-6	-9	-10
-11	-8	-4	1	5	9	13	16	20	24	26	26	27	27	28	28	25	19	14	9
4	-1	-3	-3	-4	-5	-6	-6	-6	-5	-3	-1	0	2	3	3	0	-5	-9	-14
-18	-22	-24	-24	-25	-26	-27	-25	-20	-13	-7	-1	4	9	13	18	21	23	23	19
13	8	3	-1	-3	-5	-7	-8	-9	-7	-3	1	4	8	11	12	13	14	14	11
7	3	-1	-5	-8	-11	-14	-17	-17	-12	-7	-2	3	10	18	26	35	40	39	37
34	32	28	22	14	7	0	-6	-8	-8	-9	-7	-1	7	13	16	15	13	12	10
9	7	3	-2	-7	-12	-16	-18	-21	-23	-24	-23	-21	-19	-17	-15	-12	-10	-7	-4
-1	1	1	1	1	1	2	6	12	17	21	23	24	26	28	25	20	14	9	3
-1	-3	-5	-6	-8	-8	-7	-6	-4	-3	-2	-2	1	3	5	10	13	15	18	21
23	26	28	26	24	21	19	17	15	12	8	4	0	-4	-8	-12	-15	-16	-18	-19
-21	-23	-23	-22	-22	-21	-20	-19	-18	-16	-13	-10	-8	-5	-2	1	-1	-2	-3	4
4	4	2	-1	-4	-7	-9	-10	-10	-11	-11	-11	-12	-9	-4	2	7	13	16	18

[illegible]

IIT292 55.005. IMPERIAL COUNTY EARTHQUAKE DEC 16, 1955 - 2207 PST EPICENTER - 33 00 00N, 115 30 0
 STATION NO. 117 EL CENTRO, IMPERIAL VALLEY IRRIGATION DISTRICT COMP EAST 32 47 43N, 115 32 5
 INSTR PERIOD = 0.065 SEC DAMPING = 0.607 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

PEAK VALS ACCLN = -71.1 CM/SEC/SEC AT 0.0 SEC VELO = -5.2 CM/SEC AT 0.32 SEC DISP = 2.2 CM AT 8.54 SEC

INITIAL VELO = 0.34237 CM/SEC INITIAL DISP = 1.10280 CM
 2192 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.

-711	-325	-371	-345	-158	9	181	203	12	-254	-287	-33	14	-194	-406	-395	-94	235	468	557
580	528	159	-313	-355	-23	93	63	181	214	54	-4	122	142	-72	-371	-552	-403	-44	169
114	-20	-53	35	147	233	298	337	306	219	130	40	-49	-137	-222	-238	-172	-97	-25	57
189	212	10	-111	-44	-11	-111	-264	-283	-127	26	121	116	26	-20	-32	-77	-27	111	250
344	251	54	-121	-161	-49	59	123	80	-65	-104	7	71	15	-64	-119	-166	-166	-93	-14
38	79	96	56	-24	-24	63	120	109	76	45	15	-9	-32	-24	23	75	79	24	-54
-108	-94	-58	-47	-52	-52	-42	-29	-4	42	73	64	42	17	-1	-12	-48	-85	-27	56
93	72	-7	-89	-126	-59	35	74	56	-12	-60	-66	-58	-71	-54	42	153	111	-12	-20
36	64	17	-67	-81	-44	-10	14	20	5	26	66	38	-2	-10	-10	1	24	53	37
-19	-63	-96	-92	-40	5	29	31	18	4	-9	-36	-81	-113	-103	-60	-15	80	190	164
65	-11	-82	-113	-53	24	63	15	-54	-34	19	54	68	79	92	112	113	77	29	-5
-18	-24	-32	-42	-72	-129	-173	-197	-199	-138	-24	70	124	94	66	126	206	240	205	168
211	284	292	192	83	17	-44	-110	-202	-321	-345	-224	-115	-45	13	60	91	105	136	213
317	390	328	122	-100	-255	-310	-262	-204	-175	-154	-138	-122	-101	-70	-24	25	49	55	63
66	91	142	146	108	66	21	-30	-89	-164	-194	-144	-75	-16	37	41	-12	-59	-65	-34
4	36	57	53	32	6	-18	-40	-53	-50	-30	-12	-12	-20	-28	-46	-59	-51	-37	-66
-132	-181	-155	-73	-15	29	74	121	194	250	237	178	116	70	34	-6	-22	12	61	98
106	71	23	-28	-84	-133	-156	-123	-68	-28	7	56	83	35	-36	-62	-6	80	131	132
89	43	11	-4	12	44	64	66	29	-33	-87	-131	-169	-204	-224	-216	-171	-87	21	86
81	50	41	64	84	92	92	74	55	61	96	138	156	126	70	29	12	2	-10	-18
-24	-25	-23	-19	-6	13	33	59	81	83	73	76	97	101	75	19	-36	-65	-73	-58
-43	-70	-127	-208	-291	-324	-322	-292	-237	-182	-133	-100	-80	-63	-56	-42	21	84	109	100
48	2	-5	2	8	8	-9	-42	-75	-95	-102	-88	-39	20	67	98	116	122	121	118
108	89	70	45	15	11	37	54	44	3	-52	-96	-130	-150	-105	-17	64	146	199	185
115	36	-22	-41	-19	18	52	71	74	72	75	84	83	64	25	-29	-73	-113	-151	-161
-153	-123	-63	-12	11	15	15	7	-14	-24	-18	-9	-2	6	7	-5	-17	-21	-24	-26
-28	-23	-12	6	41	68	65	55	42	20	-3	-25	-34	-20	7	42	63	61	48	28
6	-20	-43	-45	-35	-7	30	46	32	-8	-46	-70	-71	-51	-24	4	33	61	75	72
64	40	-6	-51	-88	-106	-101	-73	-15	45	66	62	43	-5	-55	-86	-106	-106	-91	-73
-53	-33	-13	14	55	93	107	94	63	45	53	64	67	67	65	64	75	94	97	94
83	53	15	-20	-52	-90	-132	-169	-189	-186	-168	-142	-118	-105	-95	-86	-77	-55	-19	9
22	22	14	6	0	-6	-12	-18	-26	-36	-49	-56	-38	-8	16	42	61	57	42	31
30	33	40	54	61	52	28	0	-16	-21	-16	2	21	36	44	49	49	49	46	34
17	6	4	5	8	18	35	39	25	9	1	12	29	33	24	13	-1	-16	-25	-27
-12	10	30	35	21	4	-12	-25	-32	-27	-20	-25	-37	-46	-41	-23	-11	-5	1	7
16	30	46	61	76	73	50	25	4	-9	-16	-25	-32	-37	-42	-46	-40	-28	-15	-4
2	6	12	22	35	48	66	75	64	46	29	11	-13	-33	-32	-18	-13	-17	-20	-24
-25	-19	-10	0	14	26	25	21	12	-15	-50	-67	-69	-59	-39	-20	-8	2	11	18
23	30	38	42	41	38	33	27	26	32	42	51	49	34	14	-9	-37	-71	-92	-98
-99	-91	-83	-70	-56	-41	-27	-5	4	-7	-23	-44	-55	-54	-48	-25	-1	11	19	26

32	38	44	50	57	60	50	33	21	12	2	-8	-18	-28	-43	-60	-60	-49	-35	-16
0	9	17	24	29	33	39	48	60	72	78	65	42	19	-9	-46	-74	-86	-83	-69
-49	-25	5	35	55	70	81	88	92	90	84	78	72	65	56	45	35	28	23	20
16	4	-13	-35	-60	-83	-92	-96	-96	-88	-79	-74	-73	-73	-69	-53	-28	8	44	65
76	70	58	40	8	-22	-40	-55	-60	-50	-34	-18	-2	14	28	39	49	54	54	52
45	36	31	26	21	17	11	2	-8	-9	2	4	-2	-7	-14	-26	-30	-16	4	20
31	28	14	3	-3	-6	-3	1	5	7	6	6	11	25	42	63	88	102	98	88
77	61	42	24	6	-12	-30	-48	-64	-75	-73	-62	-52	-36	-18	-6	2	1	-6	-13
-21	-32	-42	-46	-41	-30	-16	-5	3	1	-6	-7	-4	4	19	32	36	37	32	15
1	-2	0	3	6	11	15	20	24	26	26	25	22	14	7	-1	-12	-28	-43	-49
-50	-42	-26	-7	12	34	43	36	25	14	-2	-7	0	4	6	7	1	-12	-25	-39
-49	-53	-49	-37	-24	-12	-1	10	17	21	24	34	40	30	16	-3	-27	-38	-41	-33
-13	0	7	14	19	24	29	32	32	30	14	22	31	36	40	37	28	21	21	26
30	35	32	20	7	-2	-10	-14	-7	4	14	22	22	18	14	11	3	-11	-27	-42
-51	-53	-55	-57	-59	-60	-55	-48	-41	-34	-26	-14	0	14	27	33	33	33	33	30
22	12	3	-7	-10	-7	-3	1	2	-1	-5	-8	-12	-16	-18	-20	-21	-23	-25	-28
-31	-34	-36	-34	-32	-30	-29	-26	-19	-12	-4	3	11	17	17	14	12	6	-2	-11
-19	-25	-27	-29	-29	-24	-17	-11	-3	10	24	36	39	35	31	24	16	10	11	17
22	23	22	21	19	12	-1	-15	-29	-39	-44	-48	-52	-48	-35	-21	-8	5	16	27
35	31	20	9	-1	-10	-15	-19	-24	-28	-26	-20	-12	-7	-11	-19	-27	-34	-37	-37
-36	-30	-23	-15	-8	-1	6	13	18	21	23	23	19	15	11	9	11	16	20	20
16	12	8	4	-2	-8	-15	-19	-15	-7	1	-51	17	25	33	35	30	26	21	17
18	22	26	28	20	8	-3	-18	-37	-51	-53	-19	-45	-31	-14	2	11	9	6	5
8	16	22	27	29	26	19	13	6	1	6	17	26	25	17	9	2	-6	-12	-17
-21	-25	-29	-30	-28	-26	-24	-22	-18	-12	-5	-2	8	21	39	42	31	20	10	2
-4	-10	-16	-19	-20	-20	-21	-21	-21	-20	-19	-18	-17	-18	-20	-22	-24	-24	-23	-20
-17	-14	-12	-7	5	-19	33	46	56	60	63	56	38	18	0	-12	-23	-31	-34	-34
-26	-14	-2	9	19	27	31	31	32	32	32	29	21	13	6	2	3	4	5	5
2	-8	-19	-30	-35	-37	-37	-33	-27	-22	-17	-12	-7	-2	3	9	16	23	28	27
22	18	13	10	8	7	7	7	5	2	-1	-4	-4	2	9	16	21	26	31	34
33	30	27	24	18	10	1	-7	-14	-19	-21	-24	-25	-20	-14	-7	1	10	15	11
4	-7	-24	-39	-45	-42	-39	-37	-33	-28	-23	-18	-12	-7	-2	3	8	11	15	18
22	25	27	23	13	4	-5	-11	-14	-17	-17	-15	-12	-9	-7	-4	2	9	16	22
28	31	34	37	36	34	32	30	23	11	-1	-14	-26	-39	-48	-49	-46	-38	-23	-9
5	9	5	1	-3	-7	-9	-9	-10	-11	15	-1	8	13	11	7	4	0	-4	-9
-3	11	24	33	40	44	39	32	26	19	15	13	10	8	6	3	1	-2	-5	-10
-15	-21	-28	-35	-37	-30	-20	-5	17	34	38	38	32	21	11	-1	-16	-32	-36	-30
-24	-17	-9	-2	6	14	16	13	11	9	8	8	10	12	14	16	14	10	6	2
-2	-6	-11	-17	-22	-27	-31	-30	-27	-24	-21	-21	-24	-26	-25	-19	-13	-7	0	6
12	18	23	29	31	28	26	24	20	13	5	-3	-10	-15	-16	-16	-17	-17	-16	-13
-7	-2	3	7	10	13	16	20	22	24	26	28	30	30	25	19	13	7	2	-5
-15	-24	-33	-38	-36	-32	-27	-15	-1	10	17	24	25	21	17	14	12	12	13	14
11	3	-6	-15	-24	-25	-20	-14	-10	-8	-8	-8	-7	-4	-1	2	5	8	11	14
17	18	16	15	13	11	9	8	7	6	5	4	3	0	-2	-4	-6	-9	-14	-19
-24	-28	-33	-36	-38	-40	-41	-42	-40	-36	-27	-19	-10	0	9	18	26	32	39	42
40	37	32	23	11	1	-3	-6	-7	-5	-2	0	3	4	3	2	1	-1	-7	-15
-22	-28	-28	-23	-18	-14	-9	-5	-1	3	7	12	20	29	35	34	33	32	27	15
1	-11	-21	-28	-36	-40	-39	-37	-35	-33	-30	-26	-21	-17	-12	-8	-2	5	12	18
20	19	18	18	17	16	13	10	7	3	0	-4	-7	-11	-15	-18	-16	-10	-4	2
8	12	11	10	9	8	7	6	3	-1	-5	-8	-12	-15	-16	-18	-19	-18	-13	-7

-1	5	11	18	24	29	30	28	25	23	20	17	13	7	2	-4	-9	-14	-17	-20
-23	-27	-29	-28	-26	-24	-23	-21	-19	-17	-15	-11	-7	-3	1	5	9	12	14	17
19	22	24	24	24	22	17	11	5	-1	-7	-12	-13	-11	-10	-9	-8	-6	-2	5
12	17	22	27	31	35	35	31	27	23	18	14	8	2	-4	-11	-16	-19	-21	-23
-26	-27	-26	-24	-23	-22	-21	-19	-17	-14	-11	-8	-5	-1	3	7	11	10	8	6
4	3	3	4	5	6	6	7	5	3	1	1	4	8	12	14	14	13	11	10
9	6	1	-4	-5	-3	-2	1	8	17	25	30	31	33	35	35	27	15	4	-4
-10	-17	-22	-22	-18	-13	-9	-5	-1	3	6	10	13	13	11	9	7	5	3	0
-3	-5	-7	-7	-6	-7	-9	-10	-11	-13	-13	-12	-11	-10	-9	-8	-6	-1	3	7
7	4	1	-2	-5	-6	-3	0	3	6	6	4	1	-1	-4	-6	-10	-14	-18	-23
-26	-27	-27	-27	-26	-20	-10	-18	11	20	29	37	41	38	34	30	26	22	19	18
16	14	12	11	9	2	-8	12	-28	-37	-39	-35	-30	-26	-22	-16	-7	2	12	21
28	31	31	32	33	30	22	22	3	-6	-13	-16	-19	-21	-24	-26	-24	-18	-12	-6
0	5	8	11	15	18	21	22	21	21	20	19	18	15	8	0	-8	-15	-23	-28
-25	-21	-18	-14	-11	-7	-3	-1	-10	-16	-1	-1	-1	1	4	8	11	14	17	19
20	22	22	18	12	7	2	-4	-1	-1	-22	-26	-28	-30	-33	-35	-37	-40	-43	-43
-37	-30	-22	-14	-8	-3	2	5	7	10	15	20	23	23	22	21	18	14	8	4
2	0	-2	-4	-6	-8	-11	-15	-18	-20	-19	-19	-18	-17	-16	-15	-13	-11	-10	-10
-11	-12	-13	-14	-14	-14	-14	-13	-13	-12	-9	-6	-3	2	8	13	16	19	22	21
20	19	17	14	11	8	5	1	-4	-9	-14	-15	-3	2	8	13	16	19	22	21

IIT292 55.005.
 STATION NO. 117
 INSTR PERIOD = 0.065 SEC DAMPING = 0.574
 IMPERIAL COUNTY EARTHQUAKE DEC 16, 1955 - 2207 PST
 EL CENTRO, IMPERIAL VALLEY IRRIGATION DISTRICT
 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

EPICENTER - 33 00 00N, 115 30 0
 COMP UP 32 47 43N, 115 32 5

PEAK VALS ACCLN = -56.5 CM/SEC/SEC AT 0.0 SEC VELO = 1.5 CM/SEC AT 0.12 SEC DISP = -0.6 CM AT 6.06 SEC

INITIAL VELO = 0.94344 CM/SEC INITIAL DISP = -0.02884 CM

2180 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.

-565	-199	81	267	250	151	44	-84	-68	53	-109	-294	-120	141	224	85	-54	-24	-17	-101
-87	89	142	-62	-138	-61	-103	-99	35	45	-54	-64	9	-5	-63	-21	65	45	-75	-163
-94	19	108	157	76	-55	-37	160	232	56	-129	-243	-250	-145	-43	21	74	88	108	136
87	17	-44	-93	-170	-185	-56	79	131	66	-18	15	119	139	66	-23	-117	-115	-20	-29
-76	61	179	80	-84	-125	-45	14	43	65	44	-1	-76	-169	-134	76	223	115	-9	-18
-76	-89	1	64	35	-43	-95	-65	14	73	31	-57	-43	41	42	-34	-38	26	39	-15
-66	-65	-37	-9	23	43	34	12	-15	-44	-37	-4	31	38	8	-29	-55	-47	-17	13
42	69	77	60	39	27	-2	-68	-80	-29	33	42	-45	-122	-75	0	37	54	60	52
9	-56	-85	-52	7	44	34	-7	-47	-52	-7	46	59	34	3	-24	-53	-79	-57	5
38	33	29	33	35	31	25	22	21	18	13	8	2	-5	-11	-14	-15	-33	-67	-21
72	89	3	-112	-107	-17	31	47	59	63	57	28	-25	-49	-23	7	11	-3	-30	-31
6	41	31	-2	11	59	74	28	-39	-71	-59	-26	15	54	68	13	-73	-99	-25	49
44	18	29	36	5	7	4	-29	-15	26	14	-19	2	60	75	24	-46	-81	-52	-14
1	-1	-15	-18	-13	-17	-43	-59	-38	-6	18	41	81	87	52	13	-34	-77	-74	-39
-22	-27	-34	-42	-23	20	41	46	31	3	-23	-14	23	46	50	38	23	14	6	-2
0	13	28	37	35	21	2	-13	-12	-1	8	17	23	16	-3	-20	-25	-23	-19	-6
10	16	20	22	22	22	13	-3	-15	-25	-35	-53	-76	-74	-51	-24	8	36	50	50
43	29	9	-11	-30	-39	-31	-2	35	63	62	28	-7	-18	-15	-11	-11	-18	-8	6
12	15	13	6	-1	2	20	44	71	67	29	-15	-50	-64	-41	-5	20	35	34	20
5	-17	-47	-65	-63	-51	-23	6	20	25	22	8	-1	15	43	49	21	-21	-46	-35
1	27	26	10	-9	-20	-17	15	40	28	11	-5	-18	-19	-13	-7	3	10	4	-9
-11	-2	7	9	-3	-22	-32	-15	14	42	67	83	76	46	10	-19	-36	-38	-23	-4
12	17	6	-13	-34	-42	-28	-3	17	14	-2	-9	9	38	42	26	10	-6	-23	-42
-58	-55	-36	-12	14	32	34	23	9	-6	-25	-45	-57	-56	-32	6	43	71	82	67
34	3	-21	-41	-53	-46	-13	23	50	50	30	9	-12	-33	-46	-36	-17	-15	-25	-22
-12	5	33	41	34	21	-7	-39	-55	-61	-62	-41	-9	21	39	37	27	14	1	-10
-9	0	9	22	30	21	5	-8	-18	-27	-35	-34	-22	-8	6	19	25	29	26	26
18	-2	-26	-38	-42	-39	-24	-5	5	5	-5	-20	-35	-35	-20	0	15	22	24	18
6	1	3	9	21	32	33	29	24	23	25	25	16	-1	-15	-20	-22	-21	-11	13
36	30	3	-22	-42	-47	-30	-3	13	16	9	-5	-20	-21	-12	3	16	10	-5	-13
-18	-21	-18	-10	-6	-9	-13	-13	-10	-5	9	24	29	30	31	23	8	0	-1	-2
-1	9	25	33	33	31	19	1	-10	-13	-16	-19	-22	-22	-15	-6	0	-4	-12	-14
-12	-11	-15	-21	-18	-12	-12	-13	-13	-10	-7	-3	5	15	14	6	-4	-17	-30	-33
-25	-7	2	-8	-23	-32	-32	-31	-25	-6	6	4	2	8	16	25	33	32	18	1
-18	-33	-26	-6	11	20	16	2	-12	-22	-26	-19	-5	8	13	7	-3	-10	-7	-2
5	13	18	13	3	-5	-8	-9	-12	-18	-27	-29	-21	-12	-3	4	10	14	9	-1
-10	-12	-8	-3	2	8	13	18	23	26	21	12	3	-3	1	11	23	27	19	7
-1	-3	-3	2	14	26	33	32	29	25	19	12	7	6	6	5	4	2	-2	-10
-18	-25	-26	-20	-8	9	22	25	23	21	19	16	13	10	4	-5	-14	-18	-17	-17
-16	-11	-4	-1	-1	-1	-1	-6	-18	-27	-27	-23	-16	-8	0	8	16	22	26	27

21	13	6	-2	-6	-1	8	18	25	25	23	21	18	14	11	11	13	13	8	2
-5	-13	-10	2	11	9	-8	-26	-38	-45	-39	-20	-4	5	7	-2	-14	-23	-21	0
18	25	29	30	30	24	13	2	-10	-22	-27	-24	-21	-20	-20	-21	-26	-33	-36	-34
-32	-29	-25	-20	-16	-13	-9	-6	0	10	22	32	37	36	27	16	10	7	6	7
9	14	18	16	10	2	-3	-7	-11	-10	-3	7	17	24	23	19	14	10	5	-1
-6	-8	-9	-10	-9	-5	-2	4	11	18	25	26	23	20	18	17	14	9	3	-1
0	1	5	11	13	8	1	-6	-11	-16	-19	-15	-8	-2	3	7	13	17	13	2
-10	-24	-35	-39	-33	-22	-11	-2	5	6	3	3	7	13	18	23	27	30	32	34
33	30	25	20	12	-4	-11	-5	-5	-3	-1	2	-1	-7	14	-18	-16	-13	-10	-10
-12	-17	-28	-28	-23	-16	-8	-1	-3	-9	-16	-24	-27	-23	-18	-14	-10	-6	-2	2
3	3	4	6	10	13	13	12	10	6	1	-2	-3	-3	-2	5	8	3	-4	-10
-15	-20	-23	-24	-22	-16	-9	-2	1	4	6	5	1	-3	-3	-1	1	1	-5	-13
-15	-13	-11	-7	0	6	7	7	6	6	4	2	0	-2	-4	-6	-8	-9	-11	-11
-13	-16	-19	-21	-20	-17	-14	-11	-8	-3	2	8	14	21	25	22	17	12	9	6
4	4	6	8	9	7	5	3	-1	-5	-10	-14	-18	-22	-25	-25	-24	-21	-15	-8
-3	0	1	3	4	7	14	21	24	26	25	21	17	13	10	8	6	4	2	2
2	4	5	6	6	3	1	2	3	0	-4	-4	-1	3	8	13	17	19	20	17
14	11	9	7	5	1	-3	-6	-7	-8	-7	-4	-1	2	1	-5	-11	-17	-21	-25
-25	-20	-14	-8	0	5	5	4	3	2	1	1	0	0	5	12	19	26	32	35
32	28	24	19	13	7	1	-5	-9	-14	-18	-18	-18	-18	-18	-16	-14	-12	-10	-7
-4	-5	-6	-7	-9	-7	-2	1	4	6	7	7	5	3	4	8	11	10	6	4
3	3	4	6	6	2	-5	-12	-15	-16	-17	-15	-10	-5	0	4	8	10	12	14
16	18	20	22	24	24	22	19	15	11	6	2	1	1	1	2	2	2	1	-1
-3	-6	-10	-12	-10	-5	-3	-15	-7	-12	-12	-15	-17	-17	-13	-9	-8	-10	-13	-13
-12	-9	0	8	9	9	11	15	17	12	6	1	-4	-8	-8	-4	0	6	11	12
10	7	4	1	-2	-1	1	2	1	0	0	0	1	2	1	-1	-5	-6	-2	2
5	6	5	4	2	0	-3	-5	-7	-9	-10	-9	-6	-9	-11	-14	-15	-15	-15	-14
-13	-10	-8	-6	-5	-4	-3	-5	-9	-12	-16	-17	-16	-15	-13	-8	-4	0	3	6
9	10	8	7	6	5	4	3	4	6	9	11	12	10	9	7	5	2	1	3
4	5	3	0	-3	-6	-8	-10	-12	-14	-16	-18	-18	-15	-11	-7	-3	1	3	1
-3	-4	-2	-1	-1	1	4	8	10	9	6	5	5	5	5	3	1	-1	-2	-2
-2	-3	-5	-6	-8	-10	-12	-13	-13	-12	-10	-6	-1	2	3	5	5	5	5	7
10	12	11	10	14	7	1	-2	-4	-3	-3	-2	-1	1	1	-2	-8	-10	-7	6
2	3	8	14	14	7	-1	-9	-10	-3	1	3	5	6	6	-2	6	7	8	10
4	10	11	6	1	5	12	10	7	3	2	3	5	-8	-8	-4	1	3	5	4
11	12	13	14	16	18	20	21	19	16	11	11	4	7	6	-2	-9	-9	-5	1
3	2	0	-2	-5	-7	-7	-7	-5	-4	-2	1	4	-13	-12	-8	-2	-1	-1	-1
8	13	17	19	17	13	9	5	0	-8	-12	-13	-13	-13	-10	11	9	9	10	11
-3	-4	-5	-6	-8	-8	-7	-6	-5	-3	-1	1	3	6	10	-9	-13	-18	-23	-30
13	16	19	19	18	17	16	16	15	12	10	6	1	-3	-6	-9	-13	-18	-23	-30
-33	-34	-34	-30	-26	-21	-16	-10	-4	-1	-1	-2	-1	0	0	0	-1	-2	-1	3
6	8	7	6	5	2	-1	-6	-9	-11	-12	-11	-7	-3	-4	-5	-7	-10	-13	-13
-11	-10	-10	-10	-8	-5	-3	-3	-4	-6	-7	-8	-9	-8	-10	-3	2	8	12	14
14	12	7	2	-2	-3	-3	-5	-8	-9	-7	-3	-3	-8	-10	-5	0	3	1	-2
-5	-6	-7	-10	-11	-12	-12	-12	-11	-10	-8	-6	-4	-1	-3	8	12	16	18	19
16	12	11	15	17	17	15	12	5	-1	-5	-8	-7	-5	-3	-2	-4	-6	-6	-6
-5	-5	-6	-8	-9	-9	-7	-3	0	1	1	1	0	-2	-3	-4	-3	-2	-2	-2
-2	-2	0	3	6	10	13	15	17	16	16	15	12	8	4	1	0	0	1	2
1	0	0	0	0	2	5	8	9	9	9	9	7	4	2	0	-1	-2	-2	-1
1	0	0	0	0	2	5	8	9	9	9	9	7	4	2	0	-1	-2	-2	-1
3	6	7	6	4	1	-1	-3	-3	-1	0	0	0	0	0	0	-1	-4	-6	-6

-7	9	-3	-1	0	1	3	4	4	4	3	-1	-4	-6	-6	-4	-2	1	4	7	9
9	0	-2	10	-1	9	0	4	4	6	2	0	-3	-6	-8	-8	-7	-4	-2	-1	0
0	-1	-2	10	-2	0	-3	-1	-1	0	-3	-4	-4	-6	-8	-4	-7	-4	-4	-1	-3
-2	-1	1	7	7	-4	1	-3	4	2	1	1	2	1	-2	1	-8	-11	-13	-4	-13
-8	-3	-3	4	7	5	-5	-2	0	2	-2	-8	-11	-10	-6	-2	2	7	8	9	9
9	9	9	7	7	6	0	1	3	5	1	1	3	5	7	9	9	10	10	10	-5
7	4	2	-1	7	-2	-4	-2	-3	-2	-2	-1	-1	-1	-1	-1	-1	3	4	-4	-5
-6	-6	-6	-6	-6	-5	-4	-3	-3	-4	-3	-1	-1	-1	-1	1	2	3	4	5	7
8	9	9	8	8	7	5	5	5	5	5	0	-1	-1	-1	0	0	0	1	1	1
1	0	0	-1	-2	-3	-5	-5	-5	-5	-4	-3	-1	2	6	9	12	15	16	14	10
7	4	3	4	6	9	8	9	9	9	8	7	5	3	0	-2	-4	-6	-7	-9	-10
-10	-10	-9	-7	-7	-6	-7	-7	-6	-5	-7	-11	-12	-10	-5	-3	0	3	6	7	7
7	6	6	5	2	-1	-10	-10	-8	-5	-10	-4	-9	-6	-7	-3	0	2	5	8	10
9	7	4	4	9	7	4	9	9	7	9	-11	-9	6	-7	-11	-11	-11	-10	-7	-10
-2	1	4	6	8	9	8	9	9	9	8	7	6	6	6	2	1	-1	-3	-4	-4
-1	0	0	-1	-1	-2	-3	-4	-4	-3	-3	-3	-3	-3	-5	-7	-10	-12	-14	-14	-13
-13	-12	-12	-10	-8	-5	-2	-2	-1	-3	-2	4	-4	-5	-2	-4	-4	-4	-4	-5	-2
-1	0	1	2	2	3	3	3	3	3	3	4	4	5	5	4	3	3	3	5	6
7	7	7	6	6	5	4	3	3	4	2	1	1	-1	-4	-6	-6	-6	-7	-8	-9

IIT293 66.009. GULF OF CALIFORNIA EARTHQUAKE AUG 7, 1966 - 0936 PST
 STATION NO. 117 EL CENTRO, IMPERIAL VALLEY IRRIGATION DISTRICT
 INSTR PERIOD = 0.066 SEC DAMPING = 0.528 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

EPICENTER - 31 48 00N, 114 30 0
 COMP NORT 32 47 43N, 115 32 5

PEAK VALS ACCLN = -13.5 CM/SEC/SEC AT 11.70 SEC VELO = -2.4 CM/SEC AT 44.22 SEC DISP = 2.0 CM AT 43.28 SEC

3769 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.
 INITIAL VELO = -0.13829 CM/SEC INITIAL DISP = -0.09537 CM

5	9	11	-1	-23	-46	-73	-90	-88	-71	-47	-26	-8	16	43	63	78	91	100	109
117	117	112	97	66	38	14	-21	-55	-80	-102	-119	-128	-125	-106	-79	-52	-29	-11	-4
-4	3	22	38	38	28	8	-10	0	27	66	101	104	60	8	-28	-39	-18	9	22
14	-6	-15	6	36	46	31	8	-17	-35	-43	-38	-24	-4	13	15	15	20	31	50
56	34	-19	-64	-71	-59	-45	-30	-18	-24	-46	-63	-54	-13	33	57	66	53	24	13
25	42	57	68	48	3	-38	-57	-51	-43	-46	-57	-67	-54	-19	17	55	72	46	12
-1	11	29	36	22	-3	-17	-22	-23	-7	17	34	39	16	-19	-50	-63	-54	-33	-2
30	29	5	-24	-48	-46	-28	-9	13	39	57	61	42	12	-7	1	21	35	42	45
37	9	-14	-18	-12	3	14	15	12	9	-1	-17	-30	-38	-32	-16	-6	-3	-6	-19
-30	-32	-25	-6	13	30	44	60	79	99	91	40	-15	-50	-66	-55	-32	-17	-9	-11
-26	-44	-53	-52	-45	-35	-24	-13	-3	7	19	33	50	55	48	44	44	46	53	55
43	26	8	-12	-35	-47	-40	-43	-57	-70	-72	-49	-9	23	41	54	59	57	57	59
60	55	51	34	2	-29	-48	-49	-40	-31	-19	-16	-22	-32	-38	-24	2	14	8	0
-1	4	8	5	-5	-17	-28	-39	-52	-66	-75	-65	-50	-40	-30	-19	-8	3	9	10
12	16	14	4	-4	-7	4	19	23	16	1	0	28	67	106	131	128	94	33	-18
-32	-34	-45	-61	-75	-77	-65	-45	-15	15	36	45	41	32	23	14	5	-6	-17	-29
-39	-49	-50	-44	-37	-30	-25	-22	-13	3	13	15	13	8	0	-8	-18	-32	-44	-43
-34	-25	-32	-57	-73	-63	-44	-24	-7	-13	-36	-54	-55	-33	-3	28	52	53	43	25
3	-11	-16	-11	0	17	35	32	3	-32	-48	-38	-10	24	62	91	97	83	65	46
28	12	3	0	-2	-5	-15	-30	-37	-29	-11	12	33	49	58	59	57	47	29	8
-6	-11	-15	-19	-27	-38	-51	-63	-58	-34	-6	17	33	31	14	4	8	14	17	15
7	-5	-15	-14	-2	20	49	72	72	46	5	-31	-58	-78	-72	-44	-20	-8	-2	-3
-9	-15	-7	16	42	72	101	105	92	79	66	54	40	27	-2	-36	-50	-54	-45	-32
-43	-70	-87	-87	-69	-39	-6	24	46	56	59	60	51	16	-22	-40	-47	-47	-42	-24
4	27	36	40	46	54	62	70	78	76	58	30	-2	-35	-65	-91	-103	-90	-66	-60
-77	-84	-58	-25	-3	14	31	40	42	36	20	2	0	9	19	31	49	61	57	29
-19	-51	-59	-42	-10	5	-10	-40	-72	-99	-120	-113	-77	-38	-7	20	39	51	60	59
50	43	41	40	46	56	67	76	81	83	78	70	62	46	26	7	-4	0	4	-5
-25	-52	-66	-69	-66	-56	-41	-25	-4	25	52	75	85	73	41	2	-29	-44	-34	-18
-22	-46	-84	-115	-131	-135	-114	-76	-31	-9	-15	-14	-7	5	24	37	36	31	26	16
-2	-20	-29	-33	-43	-61	-80	-94	-98	-93	-86	-74	-48	-16	12	37	61	83	104	124
126	97	55	19	1	-5	-2	11	18	11	-3	-13	-24	-27	-14	4	20	32	44	55
65	74	71	56	39	20	11	22	45	72	84	66	37	11	-6	-15	-21	-23	-26	-34
-44	-54	-51	-56	9	35	34	6	20	-35	-40	-42	-33	-16	-8	-10	-19	-29	-40	-53
-65	-77	-88	-93	-91	-78	-47	-11	18	40	68	101	122	102	102	80	58	38	20	3
-5	-5	-4	-4	-5	-7	-7	-10	-17	-28	-32	-29	-22	-10	6	22	38	40	32	19
22	44	56	47	27	6	-14	-33	-46	-55	-58	-53	-46	-39	-26	-5	18	37	49	54
45	31	16	1	0	18	39	46	29	-8	-47	-64	-61	-47	-26	-6	13	32	50	69
89	99	88	70	52	34	20	8	-2	-4	3	11	13	11	12	16	20	22	18	8
2	6	16	30	33	19	1	-16	-26	-18	0	12	3	-16	-33	-44	-53	-57	-49	-26

-6	4	8	5	0	-4	-2	12	31	45	43	29	17	7	10	28	42	35	17
-3	-25	-51	-62	-54	-32	-15	-14	-25	-41	-56	-65	-51	-47	-60	-65	-62	-58	-40
12	2	-9	-21	-32	-48	-63	-88	-98	-88	-66	-39	-20	-11	-3	12	25	25	20
2	-24	-40	-51	-45	-36	-37	-42	-47	-49	-48	-47	-42	-32	-19	-8	3	12	15
16	16	14	10	6	-2	-3	0	13	35	55	68	77	74	59	43	29	18	8
-1	-9	-15	-21	-28	-23	-17	-18	-23	-29	-34	-40	-45	-50	-55	-61	-61	-53	-37
-10	17	34	40	34	23	10	-7	-23	-43	-49	-50	-47	-44	-39	-35	-30	-23	-15
-7	4	24	46	72	70	58	43	26	13	12	18	21	23	20	9	-5	-23	-48
-57	-45	-44	-50	-65	-72	-75	-71	-63	-48	-30	-13	1	9	15	22	24	21	18
15	12	13	16	34	36	29	20	8	-4	-13	-11	-3	11	17	12	10	19	36
54	76	98	104	83	69	53	36	23	13	3	-6	-16	-22	-26	-30	-32	-29	-24
-22	-20	-20	-21	-23	-27	-24	-18	-11	-5	4	15	26	37	45	51	57	59	58
57	57	60	65	74	101	104	96	81	54	23	3	-9	-19	-26	-30	-35	-41	-48
-56	-57	-49	-40	-31	-16	-13	-12	-10	-9	-8	-8	16	16	-11	-13	-15	-18	-21
-23	-25	-25	-22	-15	-2	4	10	13	15	15	16	16	16	16	14	4	-9	-18
-21	-20	-10	4	6	-4	-2	7	18	28	39	50	53	51	-35	-23	40	27	13
0	-11	-21	-31	-41	-55	-54	-49	-43	-40	-41	-42	-44	-43	-35	-23	-6	9	19
27	33	37	41	42	37	31	21	8	-4	-14	-21	-20	-14	-11	-10	-10	-9	-9
-3	9	22	36	46	38	28	14	-1	-16	-30	-34	-30	-26	-22	-17	-14	-11	-7
2	12	12	6	-2	-11	-4	9	23	28	23	11	-3	-18	-34	-48	-54	-53	-44
-30	-14	3	17	19	11	6	4	6	8	7	2	-4	-6	-6	-7	-11	-17	-22
-25	-29	-34	-39	-46	-49	-49	-47	-45	-43	-38	-29	-19	-7	10	20	-33	-31	18
10	-2	-13	-26	-32	-35	-31	-23	-20	-23	-29	-34	-36	-36	-35	-34	-33	-31	-27
-15	0	14	27	40	46	40	32	23	18	19	20	21	22	23	25	26	29	35
43	53	66	71	69	64	65	67	69	69	66	62	57	48	38	26	18	21	30
38	46	52	56	60	59	57	53	46	37	28	19	9	-3	-17	-32	-49	-60	-57
-50	-44	-38	-34	-29	-30	-32	-33	-33	-34	-33	-33	-31	-27	-23	-22	-31	-44	-53
-59	-66	-69	-64	-49	-43	-39	-36	-34	-32	-30	-28	-26	-24	-23	-21	-18	-15	-11
-6	3	11	20	31	34	38	41	42	43	44	45	45	42	36	30	25	22	25
30	35	39	37	25	19	13	8	4	1	-2	-5	-11	-18	-23	-21	-16	-8	8
31	48	58	65	72	59	50	40	30	17	-1	-19	-33	-40	-45	-51	-54	-54	-53
-52	-50	-41	-26	4	19	30	34	31	22	9	-3	-15	-19	-16	-13	-12	-12	-13
-15	-19	-24	-28	-36	-34	-29	-25	-21	-20	-23	-27	-27	-19	-7	5	16	26	35
43	45	43	41	38	32	26	19	12	5	-1	-6	-9	-13	-16	-20	-24	-28	-32
-36	-37	-33	-23	-10	4	10	16	19	16	11	6	1	-5	-17	-32	-46	-55	-62
-68	-69	-66	-63	-60	-54	-49	-45	-41	-39	-37	-36	-28	-14	1	16	29	41	51
56	59	61	64	70	84	79	69	53	36	18	3	-7	-15	-23	-27	-25	-23	-18
-8	4	15	22	26	32	30	24	19	13	8	3	-2	-7	-12	-17	-21	-22	-16
-9	-2	6	11	15	23	28	32	36	38	39	39	31	13	-6	-20	-33	-45	-52
-56	-59	-62	-62	-62	-59	-54	-50	-45	-40	-31	-21	-12	-6	-2	3	7	9	9
9	8	8	12	22	32	41	43	45	47	50	49	44	39	34	28	23	19	14
9	4	0	-3	-7	-12	-14	-14	-15	-16	-16	-17	-16	-12	-5	1	3	-2	-7
-12	-16	-20	-24	-28	-44	-53	-59	-59	-59	-59	-58	-55	-51	-46	-42	-34	-18	1
20	39	52	59	64	62	60	58	56	54	51	46	40	35	29	22	15	9	5
1	-3	-7	-11	-14	-19	-18	-15	-11	-7	-3	3	11	18	24	29	35	40	45
46	45	44	42	41	23	10	1	-5	-10	-15	-20	-26	-32	-38	-41	-42	-42	-42
-40	-36	-32	-27	-27	-38	-44	-49	-48	-45	-41	-38	-38	-40	-41	-43	-45	-46	-44
-41	-39	-33	-25	-16	4	17	29	41	53	65	76	86	94	96	93	89	85	80
68	56	43	31	19	4	1	-2	-5	-7	-5	0	5	10	15	20	20	11	-1

-13	-21	-23	-24	-25	-26	-27	-27	-28	-29	-32	-35	-37	-38	-38	-39	-42	-48	-52	-52
-52	-51	-51	-51	-51	-51	-51	-51	-49	-44	-39	-33	-26	-12	2	13	22	29	34	38
41	43	42	41	43	44	43	40	39	40	40	36	28	20	15	13	11	9	8	7
6	5	5	6	8	10	13	13	12	10	8	6	4	0	-5	-10	-13	-17	-20	-25
-32	-34	-30	-25	-20	-15	-10	-4	2	7	11	14	17	18	17	15	13	10	7	3
1	-2	-4	-6	-8	-11	-15	-17	-17	-17	-16	-14	-12	-9	-4	1	7	10	11	11
10	7	5	2	0	0	1	1	2	2	3	4	4	5	6	7	9	10	10	11
11	11	12	14	17	19	21	23	23	22	21	20	19	18	17	16	14	13	11	8
4	0	-4	-9	-13	-16	-19	-22	-25	-25	-22	-17	-13	-8	-4	3	9	16	21	22
21	20	19	17	13	9	4	0	1	3	6	9	11	14	17	19	16	12	8	4
0	-2	-3	-3	-4	-4	-5	-6	-7	-7	-6	-5	-4	-3	-2	0	1	3	4	5
5	5	5	5	5	5	5	5	5	5	5	4	2	-1	-4	-6	-4	1	5	9
15	23	31	37	44	48	52	55	56	53	41	25	10	0	-6	-13	-20	-28	-37	-45
-49	-48	-44	-34	-20	-5	6	16	26	35	36	33	29	25	20	16	13	11	10	9
10	13	15	18	21	20	15	9	5	4	3	5	9	14	15	12	7	3	-2	-7
-13	-20	-26	-33	-39	-44	-48	-51	-53	-49	-42	-34	-27	-19	-11	-3	6	11	11	10
9	8	6	-2	-12	-22	-32	-41	-41	-32	-23	-14	-7	-1	5	10	16	21	23	23
22	22	21	20	20	19	18	17	15	13	9	5	1	-3	-9	-19	-29	-40	-50	-56
-60	-64	-68	-70	-70	-68	-67	-65	-63	-60	-56	-51	-45	-40	-35	-31	-27	-24	-21	-19
-19	-19	-19	-19	-20	-23	-26	-29	-32	-34	-34	-33	-32	-28	-23	-17	-12	-7	-5	-7
-8	-10	-11	-13	-13	-12	-10	-8	-6	-4	-1	1	4	9	13	17	19	22	25	28
33	39	45	52	57	59	60	60	60	59	59	58	54	45	37	30	24	19	14	9
5	3	1	-2	-3	-4	-3	0	3	6	9	13	17	22	27	32	36	38	39	40
41	43	46	49	51	49	47	46	44	42	38	30	20	11	2	-10	-22	-34	-40	-41
-41	-42	-42	-41	-36	-31	-26	-20	-17	-15	-14	-14	-14	-16	-17	-19	-21	-24	-26	-27
-24	-20	-16	-10	-5	0	3	5	5	4	1	-1	-4	-7	-10	-14	-17	-19	-22	-24
-23	-20	-14	-3	9	21	31	38	44	50	54	56	56	56	55	53	50	46	42	35
25	16	5	-9	-18	-19	-18	-18	-18	-14	-4	8	17	20	23	26	28	30	33	31
23	13	1	-9	-16	-24	-31	-35	-39	-42	-43	-42	-41	-40	-35	-27	-25	-24	-19	-15
-12	-11	-10	-9	-9	-7	-6	-1	3	2	-1	-5	-9	-13	-17	-22	-28	-35	-39	-40
-38	-37	-35	-31	-28	-24	-20	-15	-11	-6	-3	-2	-1	0	2	5	9	13	17	22
26	31	34	34	33	32	31	28	21	13	7	1	-4	-12	-22	-31	-37	-43	-53	-61
-64	-64	-64	-61	-58	-55	-50	-45	-40	-35	-31	-28	-25	-21	-15	-8	-1	5	11	17
23	28	34	39	42	42	43	43	42	39	37	34	32	30	29	28	28	27	27	29
31	33	35	37	39	40	42	43	41	38	36	33	29	24	18	14	10	6	2	2
-7	-11	-16	-20	-23	-27	-30	-33	-34	-36	-38	-40	-42	-43	-45	-46	-46	-46	-45	-45
-43	-37	-27	-18	-8	2	12	22	29	36	43	50	57	63	66	66	65	65	62	57
52	47	42	37	32	28	23	21	21	22	23	24	23	22	21	19	16	10	5	0
-5	-8	-12	-14	-15	-16	-17	-18	-16	-13	-10	-7	-5	-3	-3	-3	-4	-4	-5	-6
-9	-13	-17	-20	-22	-22	-23	-23	-23	-22	-22	-22	-21	-20	-18	-15	-12	-10	-8	-6
-4	-2	-1	0	1	2	1	-1	-3	-4	-6	-8	-10	-12	-14	-15	-17	-19	-20	-22
-23	-24	-25	-26	-30	-34	-37	-40	-41	-42	-41	-37	-32	-27	-20	-12	-2	7	14	22
29	32	34	35	36	37	39	40	41	40	37	35	32	28	23	17	14	12	11	9
8	6	5	3	2	1	0	-1	-3	-4	-6	-8	-9	-11	-11	-10	-9	-8	-8	-9
-11	-13	-15	-17	-19	-22	-24	-25	-23	-19	-15	-11	-8	-6	-4	-2	-1	1	4	7
9	12	15	19	23	27	31	33	33	33	33	33	33	33	33	33	33	33	33	33
33	33	33	33	33	32	31	28	26	23	20	15	9	3	-2	-8	-12	-14	-16	-18
-20	-22	-24	-24	-25	-26	-27	-27	-28	-28	-26	-24	-22	-20	-18	-16	-15	-13	-12	-11
-9	-8	-7	-6	-5	-4	-3	-3	-3	-4	-4	-5	-5	-6	-7	-7	-8	-9	-9	-10
-10	-11	-12	-13	-13	-14	-15	-16	-17	-19	-21	-23	-25	-27	-30	-35	-40	-46	-52	-55

-55	-52	-50	-48	-45	-41	-34	-26	-17	-9	-1	7	15	18	19	20	20	21	22	22
22	21	19	18	17	16	15	16	16	17	18	19	20	21	23	24	26	26	26	22
24	24	23	22	21	18	15	13	10	8	6	6	5	4	4	4	4	4	4	5
5	5	6	7	8	9	9	10	10	11	11	12	13	15	16	17	17	16	14	13
12	10	7	2	-3	-8	-14	-20	-25	-29	-32	-34	-35	-35	-35	-35	-35	-35	-33	-31
-27	-24	-20	-17	-13	-8	-13	3	9	15	18	22	22	22	29	29	28	25	22	19
16	12	6	0	-5	-10	-13	17	18	20	21	23	22	19	14	10	-5	0	5	10
14	17	18	18	16	19	19	19	18	18	17	18	22	19	19	19	19	19	18	18
18	16	12	8	3	-1	-6	-11	-15	-19	-22	-25	-28	-30	-31	-32	-33	-31	-28	-25
-22	-18	-14	-8	-2	4	10	14	16	19	21	22	22	22	22	22	22	23	25	27
29	31	33	33	34	35	36	37	37	35	33	31	30	27	22	16	10	4	-1	-6
-10	-15	-19	-20	-20	-20	-20	-21	-21	-21	-20	-20	-20	-19	-19	-20	-22	-25	-28	-32
-35	-36	-37	-37	-37	-38	-38	-38	-37	-35	-32	-29	-26	-23	-21	-19	-19	-19	-19	-19
-19	-20	-22	-24	-26	-29	-30	-29	-28	-25	-22	-17	-13	-8	-3	3	9	16	22	28
34	39	43	45	47	48	48	48	47	42	36	29	23	17	12	8	6	3	0	-2
-3	-5	-5	-3	2	7	12	15	16	17	18	19	20	21	20	19	18	17	16	14
12	10	8	8	8	8	7	4	-1	-5	-9	-12	-15	-17	-19	-22	-24	-25	-26	-27
-27	-28	-28	-29	-29	-28	-28	-27	-26	-25	-25	-24	-23	-25	-25	-25	-25	-26	-26	-27
-27	-28	-29	-29	-30	-30	-31	-31	-32	-32	-31	-28	-23	-19	-14	-9	-2	5	12	19
26	33	40	43	44	45	46	46	46	43	40	36	34	33	33	34	34	35	36	40
44	47	51	53	52	51	50	49	47	42	35	29	22	16	9	3	-4	-9	-10	-8
-7	-4	2	9	17	23	29	34	39	39	37	36	34	32	27	21	14	7	2	-2
-4	-6	-8	-10	-12	-14	-17	-20	-24	-27	-28	-27	-27	-27	-28	-29	-30	-31	-32	-33
-34	-35	-37	-39	-41	-43	-45	-47	-50	-52	-55	-57	-57	-56	-55	-54	-49	-44	-39	-33
-28	-23	-18	-15	-15	-17	-19	-20	-20	-18	-16	-13	-9	-5	-1	3	6	9	12	15
18	19	21	22	24	26	29	32	35	37	39	39	38	38	38	37	35	33	31	29
28	28	29	29	30	30	31	32	32	31	29	27	25	23	20	17	15	11	8	3
-1	-5	-8	-11	-15	-19	-23	-29	-36	-42	-48	-52	-55	-58	-61	-64	-63	-60	-56	-53
-49	-45	-41	-38	-35	-32	-28	-25	-21	-17	-14	-10	-8	-5	-3	0	4	8	12	16
19	22	24	27	30	34	37	41	45	49	52	54	55	56	57	59	61	63	61	58
54	51	47	43	39	36	32	28	24	18	13	7	2	0	-1	-3	-5	-8	-11	-14
-16	-19	-21	-23	-27	-31	-35	-40	-44	-48	-52	-55	-57	-57	-57	-57	-55	-52	-50	-47
-44	-41	-38	-35	-32	-29	-27	-26	-24	-23	-21	-19	-16	-13	-10	-6	-2	3	8	14
21	28	33	36	37	39	41	41	41	41	41	42	42	43	42	40	39	37	36	34
32	30	28	26	26	25	23	21	19	16	12	8	4	2	2	3	4	5	9	12
15	19	22	24	25	25	24	24	23	19	13	8	3	-1	-6	-10	-14	-18	-22	-25
-25	-24	-23	-22	-21	-21	-22	-22	-22	-23	-24	-25	-27	-28	-30	-30	-30	-29	-29	-28
-29	-30	-32	-32	-31	-29	-27	-25	-24	-24	-25	-26	-27	-28	-29	-32	-36	-39	-42	-44
-44	-45	-45	-45	-42	-37	-32	-26	-18	-11	-3	4	10	15	18	19	20	21	22	23
22	18	13	8	2	-1	-4	-4	-3	-1	0	2	3	7	13	20	26	30	32	33
34	38	42	46	51	55	57	59	61	62	62	60	59	57	56	53	48	42	37	33
28	24	20	16	11	7	3	-1	-5	-8	-10	-15	-21	-27	-33	-38	-42	-44	-45	-45
-46	-45	-43	-40	-38	-37	-36	-34	-31	-27	-23	-18	-14	-9	-7	-5	-4	-3	-2	-2
-1	1	4	9	13	16	18	19	20	23	28	31	29	25	22	18	15	13	10	8
6	5	5	4	4	3	3	2	2	1	0	-2	-3	-5	-7	-8	-9	-10	-11	-12
-13	-14	-15	-16	-16	-14	-12	-10	-8	-6	-4	-2	-1	-1	-1	6	10	10	11	12
17	17	17	16	16	15	13	12	11	9	8	6	3	1	3	6	10	13	16	17
-21	-23	-24	-23	-21	-19	-17	-15	-13	-10	-7	-4	0	-1	-5	-9	-13	-16	-18	-20
7	6	4	0	-4	-9	-13	-16	-13	-10	-7	-4	0	2	5	7	9	10	10	9

IIT293 66.009. GULF OF CALIFORNIA EARTHQUAKE AUG 7, 1966 - 0936 PST EPICENTER - 31 48 00N, 114 30 0
 STATION NO. 117 EL CENTRO, IMPERIAL VALLEY IRRIGATION DISTRICT COMP EAST 32 47 43N, 115 32 5
 INSTR PERIOD = 0.066 SEC DAMPING = 0.592 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

PEAK VALS ACLN = -14.8 CM/SEC/SEC AT 5.84 SEC VELO = 2.4 CM/SEC AT 38.24 SEC DISP = 1.7 CM AT 56.74 SEC

INITIAL VELO = -0.06380 CM/SEC INITIAL DISP = -0.17506 CM

3765 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.

10	-42	31	47	63	79	89	89	82	67	47	13	-28	-62	-84	-96	-101	-98	-87	-73	-58
-13	-2	-24	15	24	29	30	28	25	23	101	90	64	14	-56	-100	-108	-97	-71	-48	-30
-60	-82	-69	-22	18	18	42	59	74	76	70	58	32	1	-42	-76	-80	-67	-50	-33	-14
3	18	43	74	98	108	108	95	64	28	-1	-25	-42	-54	-64	-71	-86	-104	-115	-107	-74
-36	1	41	68	79	75	75	57	35	11	-19	-46	-54	-44	-24	-2	24	43	46	33	2
-28	-40	-29	-9	5	11	11	-4	-15	-8	4	17	27	32	24	3	-9	-9	-5	2	12
22	29	33	34	32	30	30	28	25	18	8	-2	-14	-27	-31	-24	-15	-6	-1	-1	4
15	27	37	40	36	28	28	17	2	-14	-31	-49	-62	-63	-62	-60	-58	-51	-38	-18	3
19	34	41	34	27	30	42	42	50	46	37	25	11	-2	-10	-16	-22	-24	-22	-20	-16
-9	-1	6	8	4	1	-5	-5	-12	-19	-22	-19	-9	6	13	8	-1	-10	-19	-25	-20
2	25	36	42	38	27	14	27	0	-16	-31	-34	-29	-23	-19	-16	-13	-9	-4	3	13
15	11	11	12	15	27	39	39	47	45	33	18	7	6	7	2	-7	-9	-2	7	13
13	9	5	5	16	27	17	17	-10	-34	-55	-62	-48	-27	-19	-28	-39	-45	-42	-28	-11
15	50	73	78	69	49	21	21	-13	-50	-86	-118	-140	-148	-134	-107	-78	-46	-12	18	47
70	76	71	63	51	39	25	39	9	-8	-26	-49	-65	-72	-65	-43	-18	0	13	13	6
0	-3	-6	-8	-10	-14	-26	-14	-44	-53	-51	-43	-28	-11	-8	5	13	35	70	97	98
83	67	53	43	36	29	24	24	21	17	14	8	-4	-13	-8	10	30	37	33	21	6
0	4	8	3	-8	-24	-45	-24	-65	-75	-68	-55	-42	-28	-10	10	32	46	37	17	3
2	12	22	17	6	-7	-19	-7	-31	-41	-49	-52	-40	-19	1	21	39	54	63	68	73
70	52	28	-7	-44	-72	-75	-72	-51	-11	25	35	28	16	13	19	28	32	28	21	9
-5	-14	-21	-21	-15	-23	-48	-23	-70	-79	-72	-37	9	50	77	85	82	69	54	38	23
9	3	4	7	8	6	4	6	2	1	0	1	9	22	32	33	30	16	-13	-40	-57
-59	-48	-33	-19	-4	12	27	12	42	57	64	57	34	9	-3	-7	-10	-10	-9	-10	-15
-32	-52	-59	-52	-39	-23	-1	-1	23	51	80	85	70	51	35	21	0	-32	-61	-69	-57
-37	-16	-10	-17	-26	-35	-36	-36	-27	-12	5	24	39	35	8	-17	-23	-12	10	36	50
54	51	38	16	-2	-11	-17	-17	-24	-28	-30	-30	-28	-25	-19	-12	-4	-1	-2	-4	-5
-2	7	27	55	78	87	92	87	87	74	62	50	38	25	12	-1	-15	-33	-51	-62	-69
-74	-67	-51	-28	0	20	32	32	46	64	79	66	31	-6	-42	-65	-77	-71	-42	-12	1
1	-5	-3	14	32	47	74	47	92	91	67	17	-29	-61	-77	-87	-94	-91	-84	-86	-97
-98	-83	-68	-61	-49	-24	6	-24	32	56	68	63	54	46	39	33	26	18	10	3	-2
-4	-7	-9	-9	-39	-9	-10	-9	-14	-18	-24	-32	-42	-45	-37	-27	-19	-11	-6	-8	-11
-15	-21	-28	-35	-39	-44	-38	-44	-16	6	18	13	2	-13	-30	-40	-45	-45	-40	-28	-13
-1	7	14	22	27	23	20	23	28	36	36	46	52	49	45	40	43	52	57	54	50
33	8	-22	-53	-72	-73	-63	-73	-50	-35	-19	-2	16	34	53	72	85	93	92	82	65
42	19	-3	-28	-51	-61	-62	-61	-60	-58	-62	-57	-36	-12	13	38	57	72	86	102	112
110	102	95	88	81	74	67	74	54	29	1	-25	-47	-58	-55	-46	-37	-33	-40	-45	-43
-39	-33	-24	-16	-5	1	-10	-1	-27	-40	-52	-62	-67	-70	-74	-86	-99	-93	-69	-47	-35
-26	-25	-37	-49	-52	-49	-34	-49	-9	15	39	53	54	45	33	32	43	54	59	64	62
50	35	19	-4	-28	-40	-33	-40	-5	28	45	45	35	15	0	6	25	42	54	59	56

44	27	11	-13	-39	-50	-53	-56	-58	-62	-68	-66	-57	-39	-14	10	28	39	48	52
54	52	48	44	40	35	26	16	7	3	1	-2	-5	-9	-12	-15	-18	-21	-22	-16
-5	7	15	17	15	12	8	2	-1	1	7	12	18	25	32	38	38	34	29	23
16	10	5	0	-4	-11	-20	-29	-33	-26	-14	-9	-14	-21	-22	-17	-12	-7	-3	-1
1	8	20	33	48	58	61	48	23	2	-9	-16	-24	-30	-31	-30	-24	-11	2	17
28	31	22	0	-20	-32	-38	-40	-40	-35	-28	-25	-26	-28	-28	-22	-14	-8	-4	0
0	-1	-3	-11	-27	-42	-53	-61	-65	-67	-68	-68	-66	-61	-56	-46	-32	-16	-1	12
20	24	26	29	29	23	15	8	0	-8	-17	-26	-34	-42	-46	-47	-48	-48	-42	-32
-29	-29	-29	-29	-30	-29	-21	-9	4	21	34	41	36	18	-5	-19	-21	-20	-15	-8
-7	-14	-15	-9	-3	7	19	33	49	63	69	71	66	58	48	32	15	2	-3	-7
-8	-9	-4	8	21	38	55	58	54	48	38	27	15	3	-10	-23	-25	-20	-14	-8
-4	-2	0	2	8	16	20	9	-4	-8	-8	-2	11	21	29	32	32	31	34	39
45	50	47	32	10	-8	-17	-21	-20	-17	-18	-25	-32	-37	-40	-35	-26	-17	-12	-9
-6	-4	-1	3	7	11	14	16	19	21	17	9	2	-3	-5	-3	1	7	14	18
16	12	11	15	22	32	42	51	56	59	60	61	61	58	54	48	34	17	4	-3
-4	-3	0	3	5	6	6	0	-11	-22	-32	-42	-52	-63	-73	-79	-79	-72	-63	-50
-34	-21	-8	2	9	15	28	42	44	43	40	32	21	10	-2	-16	-26	-28	-26	-20
-11	-2	8	18	28	38	44	48	49	43	36	29	22	16	12	9	6	1	-4	-7
-2	5	11	16	17	9	-7	-29	-51	-67	-74	-74	-69	-62	-55	-48	-40	-33	-26	-17
-8	1	8	7	3	-3	-12	-20	-20	-13	-5	3	9	11	13	14	16	20	27	33
34	34	31	21	13	11	10	10	9	10	7	-2	-14	-26	-35	-39	-42	-41	-38	-38
-40	-41	-45	-55	-62	-57	-48	-36	-21	-4	17	33	42	50	56	59	59	56	51	47
42	39	35	32	29	26	21	15	10	5	1	-3	-5	-4	-1	1	2	3	4	4
2	-1	-4	-3	0	2	5	11	19	21	15	6	-6	-22	-37	-48	-52	-50	-46	-41
-36	-35	-35	-36	-37	-37	-37	-36	-35	-34	-31	-31	-37	-44	-49	-52	-52	-40	-19	-1
14	28	41	42	32	20	9	-1	-11	-23	-33	-41	-45	-48	-47	-43	-34	-22	-8	8
25	42	58	65	67	64	52	38	27	20	14	12	13	18	23	29	32	33	34	34
31	25	19	13	10	13	16	17	14	5	-10	-26	-35	-40	-42	-40	-39	-38	-36	-35
-33	-30	-24	-15	-6	3	12	22	33	39	41	42	41	38	35	32	31	31	32	32
33	33	31	27	23	19	15	13	12	10	11	15	19	20	19	18	17	16	15	12
10	8	4	-2	-9	-15	-23	-32	-38	-40	-39	-35	-32	-28	-23	-16	-10	-3	5	11
12	11	10	9	7	6	6	8	10	16	25	32	35	35	36	34	30	26	20	9
-5	-19	-31	-36	-37	-36	-27	-14	-7	-2	2	6	9	11	13	13	8	2	-5	-14
-24	-31	-35	-36	-34	-33	-32	-31	-29	-27	-23	-16	-8	0	9	19	24	26	28	30
30	29	27	25	28	36	42	44	42	39	37	32	22	11	2	-5	-11	-15	-14	-9
-4	0	5	11	15	15	15	14	12	8	3	-1	-6	-15	-25	-34	-38	-36	-32	-28
-23	-17	-10	-5	-3	-1	0	-2	-8	-14	-20	-28	-34	-31	-22	-14	-5	22	16	22
27	29	26	23	20	15	9	2	-4	-9	-12	-15	-18	-22	-27	-31	-35	-36	-36	-35
-33	-29	-26	-24	-22	-23	-30	-39	-45	-47	-47	-43	-36	-29	-23	-18	-13	-8	-6	-5
-4	-3	-3	-5	-8	-12	-15	-17	-16	-16	-16	-14	-11	-6	-2	3	7	10	13	16
19	21	22	24	25	26	27	28	29	30	30	31	33	34	35	34	30	26	22	18
14	9	5	0	-5	-10	-14	-14	-13	-11	-10	-8	-6	-2	2	2	-4	-11	-18	-25
-32	-41	-50	-59	-67	-72	-73	-74	-75	-74	-68	-59	-50	-41	-32	-22	-14	-10	-7	-4
-1	2	5	8	11	14	17	19	22	26	31	37	42	42	37	33	29	25	21	18
14	11	8	8	8	8	9	11	15	19	23	28	32	35	39	43	45	46	47	48
49	47	44	40	39	42	45	48	46	41	35	30	27	25	24	25	28	31	33	34
34	29	30	12	3	-5	-14	-20	-20	-19	-18	-16	-10	-3	5	14	25	34	41	43
40	38	35	32	29	26	23	19	16	13	9	5	1	-3	-11	-21	-30	-40	-51	-63
-70	-72	-74	-76	-77	-76	-73	-70	-67	-62	-53	-45	-37	-29	-20	-10	-2	1	2	-2
-7	-11	-14	-11	-5	-1	-3	-6	-9	-12	-15	-19	-17	-12	-6	-1	4	9	14	20

26	30	33	36	39	41	42	42	42	37	29	22	16	11	5	-1	-6	-9	-10	-11	-12
-13	-15	-19	-23	-26	-23	-17	-11	-49	-5	0	4	7	10	12	15	14	10	5	0	-5
-13	-25	-38	-48	-53	-55	-58	-60	-49	-59	-54	-49	-45	-40	-35	-30	-24	-19	-12	-4	3
10	13	14	15	13	11	8	6	5	4	2	5	9	14	22	31	40	51	63	75	85
93	98	98	95	93	90	88	83	66	77	71	66	59	48	36	25	17	10	6	6	7
8	9	12	14	17	19	22	25	26	29	31	26	15	3	-8	-20	-31	-42	-54	-67	-79
-89	-98	-106	-111	-114	-112	-103	-95	-71	-86	-78	-71	-64	-58	-53	-49	-45	-41	-37	-35	-35
-36	-36	-36	-35	-31	-28	-25	-22	-12	-18	-15	-12	-8	-5	-2	2	5	9	12	16	20
24	28	33	37	45	53	61	65	68	67	69	68	67	66	65	61	48	31	18	11	5
-2	-8	-10	-8	-5	-3	-1	5	29	14	22	29	36	39	39	38	37	36	35	27	16
4	-8	-16	-19	-21	-24	-26	-28	-36	-31	-33	-36	-39	-42	-45	-48	-51	-54	-58	-61	-64
-67	-68	-65	-61	-57	-53	-48	-42	-26	-37	-31	-26	-21	-18	-17	-17	-16	-15	-14	-11	-5
0	5	11	16	23	30	37	44	59	49	54	59	64	69	74	76	75	73	71	70	68
65	59	52	44	37	30	23	16	-1	11	5	-1	-3	1	6	10	15	18	21	24	27
30	31	25	17	8	0	-7	-14	-30	-20	-27	-30	-28	-26	-24	-20	-16	-11	-6	-1	3
6	9	11	7	-2	-13	-20	-22	-25	-23	-24	-25	-26	-26	-24	-20	-15	-10	-5	0	6
8	7	4	2	0	-3	-11	-20	-41	-30	-38	-41	-39	-38	-35	-27	-16	-7	-1	4	9
14	19	24	28	31	32	32	33	23	32	27	23	18	14	11	7	4	2	3	6	8
10	15	22	28	34	40	44	45	39	46	45	39	30	22	13	3	-13	-28	-39	-49	-56
-59	-61	-63	-62	-60	-58	-56	-53	-38	-50	-44	-38	-32	-25	-17	-9	-2	4	11	17	25
35	45	50	51	49	44	39	35	20	30	25	20	16	11	6	3	1	-1	-1	1	5
9	15	21	23	21	18	10	0	-26	-11	-20	-26	-30	-33	-36	-35	-34	-32	-30	-26	-20
-15	-9	-4	1	7	15	22	27	25	27	26	25	23	22	17	7	-4	-14	-22	-29	-36
-42	-47	-44	-37	-30	-24	-17	-11	-17	-6	-4	-3	-2	2	8	14	19	23	27	31	33
34	35	35	36	37	35	29	22	10	16	12	10	7	4	1	-1	-4	-6	-10	-15	-20
-24	-27	-31	-32	-31	-29	-27	-23	-12	-18	-15	-12	-10	-8	-7	-7	-8	-9	-10	-15	-20
-8	-7	-7	-8	-9	-6	-2	1	-5	2	-1	-5	-9	-15	-23	-28	-32	-37	-41	-45	-47
-48	-50	-48	-44	-40	-37	-34	-30	-17	-26	-21	-17	-16	-16	-16	-14	-13	-12	-10	-5	0
3	5	8	11	14	18	21	23	29	24	26	29	34	41	47	47	46	46	45	43	42
39	34	29	24	17	10	8	4	-16	-3	-11	-16	-22	-28	-33	-35	-38	-39	-37	-34	-31
-28	-25	-21	-17	-13	-9	-4	0	8	3	6	8	9	9	9	9	8	7	5	4	3
1	0	-1	-1	-1	-1	0	2	7	4	5	7	9	11	11	9	6	4	3	4	5
6	7	7	6	5	4	5	5	6	5	6	6	7	7	8	9	9	8	7	7	9
11	13	15	18	21	24	24	22	16	20	17	16	15	14	13	13	13	13	13	14	15
16	16	14	12	9	6	2	-2	-31	-9	-21	-31	-34	-33	-33	-31	-29	-26	-24	-21	-15
-6	3	9	14	18	21	19	19	13	18	16	13	9	4	-2	-5	-5	-2	0	2	1
0	-1	-1	1	4	9	14	20	26	24	25	26	25	23	21	16	10	5	-3	-12	-20
-28	-36	-43	-46	-48	-51	-52	-52	-43	-51	-48	-43	-38	-33	-27	-21	-16	-12	-8	-5	-1
2	5	8	11	14	17	20	23	33	26	29	33	39	45	50	56	61	64	65	65	65
65	65	63	59	54	49	43	37	18	31	24	18	12	7	1	-9	-21	-34	-44	-47	-48
-49	-48	-44	-40	-34	-25	-16	-6	18	2	11	18	19	17	15	13	10	7	2	-2	-6
-9	-12	-13	-12	-10	-7	-3	1	14	5	10	14	17	19	19	19	19	19	19	16	11
6	2	-3	-10	-18	-26	-32	-37	-42	-41	-44	-42	-40	-36	-30	-23	-17	-10	-3	4	12
19	23	23	23	22	21	20	17	-6	9	1	-6	-17	-16	-20	-21	-21	-21	-21	-17	-10
-3	2	4	4	6	6	4	-2	-17	-7	-12	-17	-23	-28	-33	-37	-40	-42	-44	-42	-36
-30	-25	-19	-14	-8	-1	7	13	25	18	22	25	29	31	33	34	36	37	37	38	39
40	42	44	45	44	42	39	34	20	29	24	20	17	13	10	5	1	-3	-8	-13	-17
-18	-19	-20	-21	-22	-22	-21	-21	-17	-20	-20	-17	-14	-12	-11	-12	-13	-14	-15	-14	-14
-13	-12	-11	-11	-10	-9	-8	-5	-3	-1	3	6	10	10	9	7	6	5	6	7	8
10	13	18	21	23	22	21	20	18	19	18	18	18	17	15	13	11	10	9	9	10

11	13	16	18	18	18	16	13	10	7	0	-7	-14	-19	-25	-31	-33	-33	-33	-33
-33	-32	-31	-30	-27	-24	-20	-19	-18	-17	-17	-18	-22	-25	-29	-31	-33	-34	-35	-35
-35	-33	-31	-28	-23	-19	-13	-8	-4	-1	1	2	0	-1	-2	-5	-11	-17	-23	-23
-26	-29	-32	-33	-32	-31	-30	-28	-26	-24	-21	-19	-16	-13	-10	-7	-4	-2	1	2
2	1	0	0	-2	-2	-2	-2	-2	-2	-1	0	1	2	2	2	2	2	2	2
1	0	-1	-1	3	6	8	11	16	20	24	29	34	39	43	46	44	42	40	40
39	36	30	24	12	8	5	2	-1	-4	-9	-15	-21	-24	-24	-24	-23	-21	-19	-19
-16	-11	-7	-3	0	1	2	2	0	-3	-6	-9	-12	-12	-14	-14	-13	-12	-9	-9
-7	-5	0	7	20	23	26	28	29	28	27	26	25	23	21	18	14	11	8	4
4	1	-3	-3	-1	0	2	3	4	5	5	5	3	1	-2	-3	-2	0	0	4
8	13	18	23	33	37	37	32	28	23	19	15	12	9	6	3	0	-2	-2	2
-2	-2	-1	1	7	11	15	21	24	23	21	19	18	16	14	12	10	7	4	4
1	-2	-5	-9	-17	-22	-26	-28	-29	-30	-29	-25	-20	-15	-10	-4	2	10	17	17
24	30	33	36	41	41	40	40	39	38	38	37	36	34	32	30	28	26	23	23
19	15	11	7	0	-1	-1	-2	-2	-3	-5	-7	-9	-11	-12	-14	-17	-19	-22	-22
-24	-27	-30	-32	-38	-41	-43	-44	-45	-46	-47	-47	-47	-47	-46	-46	-46	-45	-45	-45
-43	-42	-41	-40	-37	-34	-31	-28	-24	-22	-20	-19	-17	-15	-13	-12	-10	-9	-7	-7
-6	-4	0	4	12	15	20	24	28	32	33	33	32	32	32	31	31	30	29	29
28	26	23	20	14	11	8	6	4	2	0	-2	-1	1	5	8	11	13	12	12
10	8	6	4	0	-1	-3	-6	-10	-14	-18	-22	-26	-27	-25	-23	-21	-18	-14	-14
-10	-6	-2	2	3	3	3	3	3	3	4	6	8	9	11	13	14	16	18	18
20	22	24	25	21	19	17	14	12	10	8	6	3	0	-3	-5	-7	-7	-4	-4
-19	-20	-20	-19	-16	-15	-13	-11	-8	-3	-1	-3	-5	-7	-9	-11	-13	-15	-17	-17
-9	-12	-15	-18	-22	-22	-20	-18	-16	-13	-11	-8	-5	-3	0	2	0	-3	-6	-6
10	12	13	15	15	14	13	12	11	11	11	11	11	11	11	11	11	10	9	9
7	6	5	3	-4	-7	-10	-14	-17	-20	-22	-23	-24	-24	-24	-25	-25	-21	-17	-17
-12	-8	-3	1	9	13	17	21	25	29	31	33	34	36	37	38	39	40	41	41
42	42	43	42	40	39	38	37	33	27	21	14	8	1	-6	-12	-19	-24	-28	-28
-32	-36	-40	-44	-46	-47	-48	-49	-52	-57	-59	-61	-62	-62	-59	-56	-54	-50	-45	-45
-39	-34	-28	-21	-7	-1	5	11	16	21	26	30	33	35	38	40	43	44	45	45
45	45	45	45	44	44	44	43	43	42	42	41	40	36	32	27	23	19	14	14
-1	-2	-2	-4	-6	-8	-9	-10	-12	-13	-13	-11	-8	-5	-1	1	2	1	0	0
-48	-47	-45	-43	-38	-36	-34	-34	-33	-29	-33	-36	-37	-39	-41	-42	-44	-46	-47	-47
-18	-13	-9	-4	-5	-10	-14	-19	-24	-29	-33	-36	-37	-39	-41	-42	-44	-46	-47	-47
44	44	44	43	42	39	36	33	29	29	33	36	38	40	42	44	45	45	45	45
21	21	20	17	11	8	4	1	-2	-4	-5	-6	-8	-9	-10	-12	-12	-11	-9	-9
-8	-6	-5	-4	-6	-8	-10	-12	-14	-17	-19	-19	-19	-19	-18	-18	-18	-18	-17	-17
-17	-16	-16	-15	-14	-13	-12	-12	-11	-11	-10	-10	-9	-9	-8	-8	-7	-5	-4	-4
-2	0	1	3	7	7	8	8	8	7	7	7	7	7	6	2	-1	-4	-8	-8
-11	-14	-18	-20	-20	-19	-18	-17	-16	-16	-15	-14	-12	-10	-8	-6	-4	-2	-1	-1
1	3	6	9	15	18	21	24	24	25	25	25	26	25	23	20	18	15	12	12
10	7	5	2	-2	-2	-3	-4	-4	-5	-6	-9	-11	-13	-16	-18	-20	-20	-18	-18
-15	-13	-11	-8	-4	-1	1	3	5	7	9	11	13	15	15	15	15	15	15	15
16	15	15	14	14	14	14	14	15	16	16	19	19	22	22	22	22	20	19	17
16	13	9	4	-7	-12	-17	-19	-18	-18	-18	-18	-17	-17	-17	-17	-17	-17	-17	-17
-17	-17	-16	-15	-11	-10	-7	-4	-2	-1	3	5	7	10	11	11	11	11	11	11
11	13	14	13	-11	-10	-7	-4	-2	1	3	5	7	10	11	11	11	11	11	11

IIT293 66.009. GULF OF CALIFORNIA EARTHQUAKE AUG 7, 1966 - 0936 PST EPICENTER - 31 48 00N, 114 30 0
 STATION NO. 117 EL CENTRO, IMPERIAL VALLEY IRRIGATION DISTRICT COMP UP 32 47 43N, 115 32 5
 INSTR PERIOD = 0.064 SEC DAMPING = 0.552 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

PEAK VALS ACCLN = -4.9 CM/SEC/SEC AT 8.72 SEC VELO = -1.4 CM/SEC AT 49.96 SEC DISP = 1.7 CM AT 25.04 SEC

INITIAL VELO = 0.88837 CM/SEC INITIAL DISP = 0.33352 CM

3767 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.

-2	-4	-6	-6	-5	-5	-13	-20	-18	-15	-15	-16	-17	-17	-14	-5	2	2
-3	-8	-7	-4	-4	-1	4	8	8	5	5	-7	-12	-13	1	1	-2	-8
-11	-15	-17	-18	-18	-21	-23	-21	-20	-21	-21	-14	-11	-12	-16	-20	-24	-29
-19	-5	9	17	16	6	-4	-4	0	5	5	9	6	3	-5	1	4	-10
-15	-11	-7	-4	-5	-12	-20	-24	-18	-7	4	14	13	-1	-32	-34	-20	4
10	13	9	4	-4	-13	-17	-13	0	10	10	-3	-10	-10	3	3	-6	-7
0	3	2	0	-4	-6	-2	4	13	23	23	27	16	4	-11	-4	7	-6
-22	-29	-28	-25	-14	-3	-5	-11	-12	-11	-11	-9	-7	-4	-5	-7	-8	-7
-4	3	11	13	12	13	14	18	24	24	24	16	9	1	-3	-4	-9	-9
8	14	3	-17	-28	-19	-3	12	24	31	31	27	24	23	16	7	3	5
1	-6	-13	-16	-13	-3	8	20	26	21	14	11	11	10	-2	-8	-14	-3
8	13	8	-1	-7	-8	5	18	19	10	-3	-4	4	12	17	23	22	11
1	-9	-8	1	12	27	35	32	25	15	11	16	21	21	-4	-12	-1	19
4	-11	-24	-26	-15	-4	-1	-3	-7	-8	-7	-1	6	8	5	4	9	20
22	17	3	-12	-18	-21	-24	-29	-33	-30	-22	-14	-10	-7	-4	1	11	19
8	-4	-10	-8	-2	11	20	20	18	21	26	29	30	32	29	18	6	-6
-32	-34	-31	-20	-7	0	-4	-7	-3	3	11	19	20	13	3	10	12	7
-14	-6	8	21	28	23	9	-3	-13	-15	-13	-9	-3	6	12	11	7	-6
10	23	21	14	8	3	1	6	14	15	12	4	-9	-19	-22	-17	-6	4
-4	-4	8	19	17	9	3	0	-1	1	2	0	3	17	25	23	20	14
4	-4	-13	-19	-23	-23	-15	-2	6	4	2	1	0	-1	9	30	37	24
-7	-3	4	13	16	-4	-20	-9	10	20	18	7	-6	-19	-31	-43	-49	-19
-5	-9	-13	-19	-23	-22	-19	-13	-6	-5	-10	-15	-20	-24	-24	-24	-22	-18
-3	2	4	1	-2	-5	-4	3	13	19	17	12	8	6	6	6	6	-2
-23	-15	-6	1	4	6	8	3	-6	-14	-16	-13	-13	-5	4	-4	-13	-16
-15	-15	-16	-18	-21	-24	-25	-23	-20	-22	-27	-32	-33	-30	-26	-16	-1	9
0	3	10	16	17	16	15	13	10	6	2	-3	-8	-3	-30	-13	-3	10
27	25	22	13	-1	-14	-20	-16	-9	-5	-3	-2	-2	-7	-15	-13	-3	14
16	13	10	5	0	-4	-8	-13	-16	-16	-13	-11	-5	5	16	-19	-11	3
0	-19	-25	-22	-15	1	12	4	-10	-19	-15	-2	3	1	0	23	26	29
34	39	37	33	29	26	20	11	-1	-13	-20	-23	-25	-20	-9	8	15	22
18	14	8	-1	-15	-27	-31	-24	-14	-3	6	12	21	38	44	29	13	6
10	21	28	26	20	15	9	5	1	-5	-17	-29	-32	-20	0	11	6	-2
-28	-22	-15	-11	-13	-19	-24	-28	-27	-23	-19	-14	-11	-10	-10	-10	-11	-10
7	10	12	13	18	30	37	39	35	15	-12	-24	-20	-15	-13	-14	-15	-15
-15	-14	-10	-6	-1	5	10	16	19	20	20	19	13	6	-1	-9	-18	-16
-36	-35	-32	-29	-22	-9	5	10	7	4	3	5	7	10	19	31	37	-28
8	9	12	14	16	18	17	10	1	-6	-5	2	6	4	-2	-8	-14	-16
6	13	13	8	3	-2	-7	-10	-13	-17	-20	-21	-24	-22	-11	4	11	14
1	1	-4	-7	-7	-7	-3	7	11	6	0	-8	-21	-29	-16	4	11	-9

-22	4	9	5	-14	-22	-21	-3	-1	-24	-7	-17	-9	2	-6	-24	-21	-14	-8	-2	35	36	28	19	7	-7	-14	-19	-20	-10	6	18	17	5	-4	-4	0	
-22	9	15	23	20	14	17	16	12	18	13	10	8	4	2	4	4	4	0	0	2	22	22	18	13	8	4	2	0	-1	-4	-5	-6	-7	-5	-4	3	
-14	5	9	17	16	12	10	12	14	14	12	10	7	4	2	7	7	4	0	4	1	16	16	14	12	10	7	4	0	-1	-8	-13	-13	-13	-5	-4	-14	
-22	-14	-21	-13	-20	-12	-11	-12	-16	-12	-11	-10	-10	-9	-6	-4	-9	-6	0	0	-6	-18	-12	-12	-11	-10	-9	-6	-7	-10	-1	-6	-10	-14	-18	-22	-23	
-7	-7	-5	-3	-3	-1	1	1	1	16	-12	-12	-12	-9	-4	-4	-4	-4	0	0	-4	1	1	5	5	7	9	10	9	8	7	6	4	2	-1	-7	-17	
-24	-21	-14	-8	-2	1	4	4	1	1	4	4	7	7	10	12	12	12	12	12	-3	-2	-1	-4	-4	-4	-4	-3	-2	11	10	9	2	0	-3	-6	-6	
-6	-3	0	3	3	-1	-4	7	7	-1	-4	5	5	3	0	-3	-3	-3	-3	-3	7	7	7	5	3	0	-3	-7	-5	5	15	-9	-8	-2	4	7	6	
2	0	1	5	7	3	7	7	7	7	7	5	5	3	0	-3	-3	-3	-3	-3	7	7	7	5	3	0	-3	-7	-5	5	15	23	30	36	38	39	39	
34	29	23	14	3	3	3	3	3	7	7	11	18	24	23	13	7	3	3	21	16	16	18	18	24	23	13	7	3	10	10	6	1	-4	-9	-13	-15	
3	-1	-5	-4	0	-5	0	-5	-9	-8	-2	4	0	0	0	10	10	10	10	10	2	2	10	15	17	17	17	17	17	17	17	17	17	17	17	17	17	7
9	5	0	-5	3	6	6	5	3	1	0	-1	0	-9	-10	-20	-20	-22	-22	-4	3	3	15	15	14	11	4	7	11	14	15	16	13	10	7	4	3	
4	6	6	5	3	3	3	3	3	1	0	-1	0	-9	-10	-20	-20	-22	-22	-4	3	3	15	15	14	11	4	7	11	14	15	16	13	10	7	4	-9	
-11	-10	-8	-7	-5	-5	-7	-5	-7	-5	-7	-9	-7	-14	-20	-20	-22	-22	-4	3	3	15	15	14	11	4	7	11	14	15	16	13	10	7	4	-9		
15	13	10	7	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	17	
15	12	10	7	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	17	
32	33	30	26	23	23	19	15	11	11	11	11	18	24	23	13	7	3	3	21	16	16	18	18	24	23	13	7	3	10	10	6	1	-4	-9	-13	-15	
-15	-17	-15	-11	-7	7	11	18	24	23	13	7	3	21	16	16	18	18	24	23	13	7	3	21	16	16	18	18	24	23	13	7	3	21	16	16	18	

15	14	13	14	15	16	16	17	17	17	17	16	15	14	13	12	11	10	9	8	7
7	6	5	4	3	2	2	1	0	0	0	-1	-1	-2	-1	1	2	3	4	5	4
1	-2	-5	-9	-12	-14	-17	-19	-21	-23	-25	-25	-24	-23	-22	-21	-20	-17	-14	-11	-8
-5	-4	-4	-5	-5	-6	-6	-6	-6	-8	-9	-9	-5	-4	-3	-2	0	3	5	7	8
-5	9	11	12	13	14	15	16	17	18	17	17	15	14	13	12	11	10	8	7	5
4	3	3	3	4	4	4	4	4	4	3	3	3	3	2	1	0	0	-1	-2	-1
0	1	2	3	4	5	6	6	6	6	6	8	7	7	7	8	8	6	8	8	8
8	10	11	12	13	12	11	10	10	9	8	-20	-19	-16	-13	7	7	6	6	5	3
1	0	-2	-5	-8	-12	-16	-19	-20	-20	-20	-16	-19	-16	-13	-9	-6	-2	2	6	10
14	15	15	15	15	15	15	14	14	14	13	13	13	12	11	10	9	8	8	6	4
2	-1	-3	-5	-8	-10	-10	-11	-12	-13	-14	-14	-14	-14	-12	-11	-9	-7	-5	-3	-2
0	1	3	5	6	9	12	16	18	19	20	20	20	20	21	21	21	19	15	12	-4
-3	-1	0	2	3	4	6	7	8	9	11	11	13	15	17	18	18	17	16	15	9
6	3	1	2	3	4	4	4	5	-8	-9	-10	-9	-10	-11	-12	-12	-13	-14	-15	15
14	14	12	10	7	4	1	-2	-5	-8	-20	-20	-19	-18	-17	-15	-14	-13	-12	-12	-16
-17	-19	-20	-21	-22	-21	-21	-21	-20	-20	-20	-20	-19	-18	-17	-15	-14	-13	-12	-12	-12
-13	-13	-14	-14	-12	-10	-7	-5	-2	0	3	3	6	10	14	18	22	24	23	23	22
21	21	20	18	15	11	8	5	2	0	2	-2	-4	-6	-8	-8	-6	-4	-1	1	1
6	7	9	11	13	11	9	7	5	3	2	2	1	0	-2	-3	-4	-5	-9	-13	-17
-21	-23	-25	-27	-29	-29	-26	-21	-17	-12	-8	-8	-8	-8	-9	-9	-10	-10	-11	-11	-11
-10	-10	-9	-9	-8	-6	-4	-1	1	3	5	7	7	7	9	11	12	10	10	10	9
7	6	6	5	4	3	3	2	2	1	1	1	1	3	4	6	7	7	5	4	3
4	4	4	3	2	2	0	-1	-2	-2	-1	-1	-1	3	4	6	7	7	7	7	7
2	0	-1	-2	-3	-4	-4	-5	-6	-6	-7	-7	-7	-7	-7	-7	-7	-7	-7	-7	-7
-7	-6	-6	-7	-6	-5	-5	-4	-2	-1	0	0	1	3	4	4	5	6	7	8	8
7	7	7	6	5	5	5	6	6	6	7	7	7	8	8	8	9	9	9	9	8
7	6	6	5	5	6	7	9	9	10	11	12	12	12	10	9	9	10	10	11	11
11	11	11	10	8	-6	-9	-9	-9	-9	-9	-9	-9	-8	-6	-5	-4	-3	-3	-3	-2
-5	-2	-2	-2	-3	-6	-9	-9	-9	-9	-9	-9	-9	-8	-6	-5	-4	-3	-3	-3	-2
-3	-4	-5	-6	-6	-5	-3	-2	-3	-3	-4	-4	-5	-5	-4	-4	-3	-2	-1	-1	0
1	2	3	4	5	5	5	3	2	0	-2	-2	-5	-7	-10	-11	-10	-9	-8	-7	-8
-9	-9	-10	-11	-12	-14	-19	-23	-27	-31	-34	-34	-35	-34	-33	-33	-31	-29	-26	-24	-22
-20	-18	-17	-16	-15	-15	-16	-17	-19	-21	-21	-21	-19	-17	-14	-12	-9	-5	-5	-1	0
0	-1	-1	-2	-2	-2	-2	-2	-3	-4	-5	-5	-6	-7	-8	-8	-8	-7	-5	-1	3
4	6	7	9	10	12	14	16	18	21	23	23	25	28	30	32	34	36	38	39	39
39	40	40	41	39	38	36	34	32	30	27	27	25	22	19	16	13	10	7	4	2
0	-1	-3	-6	-10	-13	-16	-19	-22	-24	-25	-26	-26	-25	-23	-24	-23	-22	-21	-20	-19
-18	-18	-17	-16	-16	-15	-14	-13	-11	-10	-9	-8	-8	-7	-6	-5	-5	-4	-3	-3	-2
-2	-1	-1	0	0	0	0	0	0	1	2	3	4	4	5	7	9	11	13	14	16
18	19	21	20	18	17	16	16	17	17	18	18	18	17	16	15	15	14	13	11	8
5	2	-1	-3	-4	-6	-8	-9	-11	-12	-14	-14	-15	-15	-16	-16	-16	-15	-14	-12	-10
-7	-5	-4	-3	-1	-1	-2	-5	-8	-11	-13	-13	-15	-17	-19	-19	-17	-13	-10	-7	-3
1	6	10	13	14	14	14	14	14	15	16	16	17	17	19	23	30	31	28	25	22
20	17	15	13	11	9	7	5	4	3	2	2	3	3	5	7	9	10	8	6	4
2	1	-1	-3	-4	-6	-7	-10	-13	-17	-19	-19	-21	-23	-25	-26	-26	-26	-26	-26	-26
-25	-23	-22	-21	-21	-20	-20	-20	-19	-18	-16	-16	-13	-11	-8	-7	-6	-6	-6	-7	-6
-4	-2	0	3	3	1	-1	-4	-6	-7	-9	-9	-10	-12	-14	-15	-15	-15	-14	-14	-13
-12	-11	-9	-7	-4	-2	-1	-1	-3	-6	-8	-11	-13	-14	-16	-18	-20	-21	-23	-25	-27
29	30	30	30	30	30	29	29	29	29	28	27	27	26	24	23	22	21	20	19	19

19	7	19	18	18	18	17	16	16	16	15	15	14	13	12	11	10	9	8	7	7
7	-6	-7	-8	-9	-11	-12	-12	-12	-12	-12	-12	-12	-11	-10	-4	-4	-4	-4	-4	-5
-5	-4	-4	-3	-2	-4	-7	-9	-9	-9	-14	-14	-19	-21	-22	-22	-21	-19	-18	-7	-6
-12	-9	-7	-5	-2	-1	-3	-6	-6	-6	-9	-9	-6	-5	-4	-2	-1	1	2	3	-14
-10	-3	3	4	5	6	8	9	10	10	10	11	7	6	4	2	1	-1	-3	-5	-7
-13	-3	-14	-17	-19	-19	-17	-15	-13	-13	-11	-11	-10	-11	-12	-13	-13	-12	-10	-7	-5
17	18	19	20	20	21	21	21	21	21	21	21	21	21	21	22	22	23	23	14	15
20	18	16	14	12	11	10	9	8	8	7	7	6	3	1	-1	-2	-4	-4	-2	-1
0	0	1	2	2	1	0	-2	-1	-1	1	1	4	7	12	12	10	8	6	4	2
0	-2	-4	-7	-9	-12	-14	-16	-18	-18	-18	-18	-18	-18	-17	-16	-14	-12	-11	-11	-11
-10	-10	-9	-8	-7	-6	-5	-4	-4	-4	-5	-5	-6	-6	-8	-9	-9	-10	-10	-10	-11
-11	-11	-11	-11	-11	-11	-10	-9	-8	-8	-6	-6	-3	-1	1	4	7	9	11	13	14
15	16	17	18	18	19	20	19	18	18	18	18	16	15	14	12	10	8	5	3	1
-1	-3	-5	-6	-8	-9	-10	-12	-13	-13	-15	-15	-17	-22	-24	-26	-28	-30	-32	-34	-36
-37	-36	-36	-35	-34	-33	-33	-32	-30	-30	-28	-28	-27	-24	-22	-20	-19	-17	-16	-14	-13
-11	-10	-8	-7	-5	-2	1	5	8	8	11	11	15	17	21	22	24	25	27	29	31
34	36	37	38	39	41	42	43	44	44	44	44	42	38	36	34	31	26	22	17	12
8	5	2	0	-3	-7	-10	-14	-16	-16	-16	-16	-16	-19	-22	-24	-25	-25	-27	-29	-33
-35	-37	-37	-37	-37	-36	-35	-34	-32	-32	-31	-31	-28	-25	-19	-16	-14	-11	-8	-5	-1
2	5	7	8	10	11	13	14	16	16	17	17	19	20	22	24	25	25	26	27	27
25	23	21	20	18	16	15	13	11	11	10	10	9	9	9	8	6	4	2	-1	-3
-5	-6	-7	-8	-9	-11	-13	-15	-17	-17	-18	-18	-18	-19	-19	-19	-18	-17	-17	-16	-15
-13	-9	-6	-2	1	3	4	5	5	5	6	6	7	8	11	12	13	14	15	16	17
17	17	16	16	15	14	14	12	10	10	6	6	-1	-4	-7	-8	-9	-10	-10	-11	-11
-11	-11	-11	-10	-7	-4	-1	2	2	2	2	2	0	-1	-2	-3	-3	-4	-4	-4	-5
-5	-5	-5	-5	-5	-5	-6	-7	-9	-9	-10	-10	-12	-13	-13	-13	-13	-13	-13	-12	-10
-8	-6	-4	-2	0	2	3	2	2	2	1	1	1	0	0	1	2	3	4	5	7
8	10	11	13	14	15	15	15	15	15	14	14	14	14	13	12	12	11	10	9	8
7	6	5	3	2	0	-1	-3	-4	-4	-5	-5	-6	-7	-8	-7	-6	-5	-3	-2	-1
0	2	4	7	10	13	16	18	20	20	22	22	23	25	26	27	27	26	25	24	22
21	20	18	17	15	12	10	8	5	5	3	3	0	-1	-2	-3	-4	-5	-6	-7	-8
-10	-11	-13	-14	-15	-17	-18	-19	-20	-20	-21	-21	-23	-25	-25	-25	-24	-24	-24	-23	-23
-23	-22	-19	-16	-12	-9	-6	-3	0	0	4	4	6	8	9	9	10	11	11	12	12
12	13	13	13	13	13	14	14	14	14	13	13	13	13	12	12	12	12	11	11	11
10	10	10	9	9	10	10	11	12	12	13	13	14	15	16	16	17	18	18	19	19
18	15	13	10	8	5	3	0	-2	-2	-3	-3	-5	-7	-8	-9	-10	-10	-11	-12	-12
-13	-14	-15	-16	-17	-19	-20	-21	-22	-22	-23	-23	-23	-24	-24	-25	-24	-23	-21	-20	-19
-17	-16	-15	-13	-10	-8	-5	-2	0	0	2	2	3	4	4	5	6	6	6	6	5
5	4	4	3	2	2	1	0	-2	-2	-3	-3	-6	-7	-9	-10	-11	-12	-13	-14	-14
-15	-16	-16	-16	-16	-16	-16	-16	-16	-16	-16	-16	-14	-11	-8	-5	-2	1	3	6	7
8	10	11	12	14	15	15	14	12	12	10	10	9	7	4	2	1	0	0	-1	-2
-3	-4	-4	-4	-4	-4	-4	-4	-5	-5	-4	-4	-3	-3	-2	-1	1	1	1	1	3
4	6	7	9	10	11	12	12	12	12	13	13	14	14	14	13	11	10	9	7	6
5	4	3	2	0	-1	-2	-3	-4	-4	-6	-6	-7	-8	-10	-11	-14	-14	-15	-15	-16
-16	-17	-17	-16	-14	-13	-11	-9	-8	-8	-9	-9	-9	-10	-11	-13	-14	-14	-15	-15	-16
-1	0	1	3	4	6	7	8	9	9	9	9	9	9	9	9	9	9	9	9	9
14	12	10	8	6	2	0	-2	-4	-4	-6	-6	-9	-10	-11	-13	-14	-14	-13	-12	-14

California Institute of Technology
Earthquake Engineering Research Laboratory

The following reports of the Earthquake Engineering Research Laboratory from 1970 on can be obtained from the National Technical Information Service, Springfield, Virginia 22121:

Strong-Motion Earthquake Accelerograms
Digitized and Plotted Data
Volume I

<u>Part</u>	<u>Report No.</u>	NTIS <u>Accession No.</u>
A	EERL 70-20	PB-287 847
B	EERL 70-21	PB-196 823
C	EERL 71-20	PB-204 364
D	EERL 71-21	PB-208 529
E	EERL 71-22	PB-209 749
F	EERL 71-23	PB-210 619
G	EERL 72-20	PB-211 357
H	EERL 72-21	PB-211 781
I	EERL 72-22	PB-213 422
J	EERL 72-23	PB-213 423
K	EERL 72-24	PB-213 424
L	EERL 72-25	PB-215 639
M	EERL 72-26	PB-220 554
N	EERL 72-27	PB-223 023
O	EERL 73-20	PB-222 417
P	EERL 73-21	PB-227 481/AS
Q	EERL 73-22	PB-232 315/AS

Strong-Motion Earthquake Accelerograms
Digitized and Plotted Data

Corrected Accelerograms and Integrated
Ground Velocity and Displacement Curves

Volume II

<u>Part</u>	<u>Report No.</u>	<u>NTIS Accession No.</u>
A	EERL 71-50	PB-208 283
B	EERL 72-50	PB-220 161
C	EERL 72-51	PB-220 162
D	EERL 72-52	PB-220 836
E	EERL 73-50	PB-223 024
F	EERL 73-51	PB-224 977/9AS
G	EERL 73-52	PB-229 239/AS
H	EERL 74-50	PB-231 225/AS
I	EERL 74-51	PB-232 316/AS
J, K	EERL 74-52	PB-233 257/AS
L, M	EERL 74-53	PB-237 174/AS
N	EERL 74-54	PB-236 399/AS

Analyses of Strong-Motion Earthquake Accelerograms
Response Spectra

Volume III

<u>Part</u>	<u>Report No.</u>	<u>NTIS Accession No.</u>
A	EERL 72-80	PB-212 602
B	EERL 73-80	PB-221 256
C	EERL 73-81	PB-223 025
D	EERL 73-82	PB-227 469/AS
E	EERL 73-83	PB-227 470/AS
F	EERL 73-84	PB-227 471/AS
G	EERL 73-85	PB-231 223/AS
H	EERL 74-80	PB-231 319/AS
I	EERL 74-81	PB-232 326/AS
J, K, L	EERL 74-82	PB-236 110/AS
M, N	EERL 74-83	PB-236 400/AS
O, P	EERL 74-84	PB-238 102/AS

Analyses of Strong-Motion Earthquake Accelerograms
Fourier Amplitude Spectra

Volume IV

<u>Part</u>	<u>Report No.</u>	<u>NTIS Accession No.</u>
A	EERL 72-100	PB-212 603
B	EERL 73-100	PB-220 837
C	EERL 73-101	PB-222 514
D	EERL 73-102	PB-222 969/AS
E	EERL 73-103	PB-229 240/AS
F	EERL 73-104	PB-229 241/AS
G	EERL 73-105	PB-231 224/AS
H	EERL 74-100	PB-232 327/AS
I	EERL 74-101	PB-232 328/AS
J, K, L, M	EERL 74-102	PB-236 111/AS
N, O, P	EERL 74-103	PB-238 447/AS

- Strong-Motion Instrumental Data on the San Fernando Earthquake of February 9, 1971, (PB-204 198)
- P. C. Jennings, et al, Forced Vibration of a 22-Story Steel Frame Building (EERL 71-01; PB-205 161)
- P. C. Jennings, ed., Engineering Features of the San Fernando Earthquake (EERL 71-02; PB-202 550)
- Randolph A. Adu, Response and Failure of Structures under Stationary Random Excitation (EERL 71-02; PB-205 304)
- Jacobo Bielak, Earthquake Response of Building-Foundation Systems (EERL 71-04; PB-205 305)
- M. D. Trifunac, F. E. Udwadia, A. G. Brady, High Frequency Errors and Instrument Corrections of Strong-Motion Accelerograms (EERL 71-05; PB-205 369)
- Knut Sverre Skattum, Dynamic Analysis of Coupled Shear Walls and Sandwich Beams (EERL 71-06; PB-205 267)
- John Brent Hoerner, Modal Coupling and Earthquake Response of Tall Buildings (EERL 71-07; PB-207 635)
- P. C. Jennings and J. Bielak, Dynamics of Building-Soil Interaction (EERL 72-01; PB-209 666)
- F. E. Udwadia, Investigation of Earthquake and Microtremor Ground Motions (EERL 72-02; PB-212 853)
- Albert W. Whitney, On Insurance Settlements Incident to the 1906 San Francisco Fire (DRC 72-01; PB-213 256)
- J. H. Wood, Analysis of the Earthquake Response of a Nine-Story Steel Frame Building during the San Fernando Earthquake (EERL 72-04; PB-215 823)
- F. E. Udwadia and M. D. Trifunac, The Fourier Transform, Response Spectra and their Relationship through the Statistics of Oscillator Response (EERL 73-01; PB-220 458)
- Research Papers Submitted to the Fifth World Conference on Earthquake Engineering, Rome, Italy, 25-29 June 1973 (EERL 73-02; PB-220 431)
- Earthquakes and Insurance, Published Papers on Earthquake Research Affiliates Conference of 2-3 April 1973 (DRC 73-02; PB-223 033)
- M. D. Trifunac and V. Lee, Routine Computer Processing of Strong-Motion Accelerograms (EERL 73-03; PB-226 047/AS)